Independent Waste Assessment for Building 779 at Rocky Flats Environmental Technology Site

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Submitted to

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ACRONYMS

ACM	Asbestos Containing Materials
AEA	Atomic Energy Act
ALARA	As Low As Reasonably Achievable
ANSI	American National Standards Institute
ARAR	Applicable or Relevant and Appropriate Requirements
BE	Beryllium
BRCS	Building Radiation Cleanup Standard
CA	Contaminated Areas
CAA	Clean Air Act
CDPHE	Colorado Department of Public Health and the Environment
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CID	Cumulative Impact Document
CWA	Clean Water Act
CWTF	Consolidated Water Treatment Facility
D&D	Decontamination and Decommissioning
DD&D	Decontamination, Decommissioning, and Demolition
DOE	Department of Energy
DOT	Department of Transportation
dpm	Disintegrations per minutes
DPMP	Decommissioning Program Management Plan
DPP	Decommissioning Program Plan
EB	Electron Beam
EDE	Effective Dose Equivalent
EMCC	Emergency Motor Control Centers
EO	Engineering Orders
EPA	Environmental Protection Agency
ER	Electro-refining
ESCA	Electron Spectroscopy for Chemical Analysis
ESH&Q	Environment, Safety, Health and Quality
FP	Filter plenum
GB	Glovebox
HAP	Hazardous Air Pollutant
HASP	Health and Safety Plan
HCl	Hydrochloric Acid
HEPA	High Efficiency Particulate Air
HVAC	Heating, Ventilation and Air Conditioning
IH&S	Industrial Hygiene & Safety
IHSS	Individual Hazardous Substance Site
K-H	Kaiser-Hill
kW	Kilowatt
LL	Low Level

LLM	Low Level Mixed
LLW	Low Level Waste
MAA	Material Access Area
µg	Micrograms
MARSSIM	Multi-Agency Radiological Survey and Site Investigation Manual
MCL	Maximum Contaminant Level
NaCl	Sodium Chloride
NEPA	National Environmental Policy Act
NESHAP	National Emission Standards for Hazardous Air Pollutants
NFPA	National Fire Protection Association
NMC	Nuclear Material Control
NPDES	National Pollution Discharge Elimination System
OSHA	Occupational Safety and Health Act
OSR	Operational Safety Requirements
PA	Protected Area
PCB	Polychlorinated Biphenyl
PEL	Personnel Exposure Limit
PHA	Preliminary Hazard Analysis
PPE	Personnel Protective Equipment
ppm	parts per million
psi	per square inch
PU&D	Property Utilization and Disposal
QA	Quality Assurance
R&D	Research and Development
RBA	Radiological Buffer Area
RCRA	Resource Conservation and Recovery Act
RCT	Radiation Control Technicians
RFCA	Rocky Flats Cleanup Agreement
RFETS	Rocky Flats Environmental Technology Site
RMRS	Rocky Mountain Remediation Services, L L C
SAAM	Selective Alpha Air Monitors
SAR	Safety Analysis Report
SARA	Superfund Amendments and Reauthorization Act
SNM	Special Nuclear Materials
SSOC	Safe Sites of Colorado
TRU	Transuranic
TRM	Transuranic Mixed
TSCA	Toxic Substances Control Act
TSD	Treatment, Storage, Disposal
TSDF	Treatment Storage Disposal Facility
WAC	Waste Acceptance Criteria
WIPP	Waste Isolation Pilot Program
WMP	Waste Management Plan
WSRIC	Waste Stream Residue Identification and Characterization

Section 1 - Executive Summary

1 1 Purpose Statement

The purpose of this report is present the results of an independent assessment of the types and amounts of material that will be generated as a result of decommissioning Building 779 The assessment did not include other buildings in the 779 Cluster Emphasis in the assessment was placed on the contaminated or potentially contaminated areas of Building 779, with particular emphasis on the decommissioning of gloveboxes As part of the assessment, waste quantities were compared with quantities from the *779 Cluster Decommissioning Project Waste Management Plan, Revision 0* Comparisons with older waste estimates could not be made because electronic data from older estimates data bases could not be provided during the time period of this study

1 2 Waste Estimates

The amounts and types of waste which are expected to be generated as a result of decommissioning Building 779 are summarized in Table 1 1 Industrial waste, asbestos waste and PCB waste were not part of this assessment

Table 1.1 - Building 779 Waste Volume Summaries

Waste Type	Volume (ft^3)		
	Assessment	RMRS Report[1]	Difference
Low-Level	43,917	53,873	-9,956
Mixed Low-Level	294	507	-213
TRU	14,034	784	13,250
Mixed TRU	3,546	not estimated	3,546
PU&D	63,475	73,900	-10,425
Industrial	not estimated	175,000	n/a
Asbestos	not estimated	46,572	n/a
PCB Waste	not estimated	101	n/a

[1] 779 Cluster Decommissioning Project Waste Management Plan, Revision 0

1 3 Discussion and Recommendations

The difference in low-level waste estimates between the assessment team and the RMRS report is a result of the assessment not assuming that gloveboxes containing plutonium residuals would undergo a decontamination process and

become low-level waste Similarly, the assessment assumed that gloveboxes with epoxied lead shielding would become mixed TRU waste

The difference in PU&D material estimates is most likely a result of PU&D materials removed from Building 779 as a part of Building 779 deactivation activities The activities were ongoing during the assessment walk-down phase

Comparisons with older waste estimates could not be made because electronic data from older estimate data bases could not be provided during the time period of this study Some notes and background material were reviewed and showed that old waste estimates of Building 779 used detailed material estimates for certain rooms in the building and assumed that other rooms were similar to these detailed rooms This can result in large errors in overall waste estimates and the data indicates that a walk-down and waste inventory of all rooms is required to provide useful data to a decommissioning waste management plan

Gloveboxes and hoods account for much of the potential TRU waste in Building 779 Appendix D shows the total volume from gloveboxes, B-Boxes and hoods to be over 9,700 cubic feet Volume reduction could reduce this volume as low as 1,000 cubic feet

Recycling of piping could reduce waste volumes by over 1,500 cubic feet

Recommendations include

- An evaluation of existing technologies for characterization of contaminated surfaces should be conducted to aid in identification of the lowest level of waste for decommissioning materials This evaluation should include national laboratory technologies that have matured to an engineering design level

- A walk-down and inventory of each building identified for decommissioning should be made prior to initiation of building deactivation and validated after deactivation is completed to facilitate development of a comprehensive decommissioning waste management plan and to incorporate waste management lessons-learned from on-going or completed building decommissioning projects

- A decision analysis tool should be used in the planning process to determine the preferred alternative for glovebox D&D at the RFETS by assessing the technical, economic, operational and institutional alternatives for cost effective glovebox D&D This will contribute to the accelerated cleanup and closure of the RFETS by applying a logical framework and formal methodology for making decisions under uncertainty to the complex problem of D&D of contaminated gloveboxes

Section 2 - Introduction

2 1 Overview

2 1 1 In July 1996, Rocky Flats submitted a draft Ten Year Plan (TYP) for accelerated risk reduction, cleanup and closure of the Rocky Flats Environmental Technology Site (RFETS or the Site) The draft Plan embodied accelerated cleanup and closure strategies consistent with the Rocky Flats Cleanup Agreement (RFCA) One of the key elements of TYP is to decommission and demolish site facilities The 779 cluster is one of the initial sets of buildings identified for decommissioning and Building 779 is the main structure in the 779 Cluster

2 1 2 The report presents the results of an independent assessment of the types and amounts of material that will be generated as a result of decommissioning Building 779 The assessment did not include other buildings in the 779 Cluster Emphasis in the assessment was placed on the contaminated or potentially contaminated areas of Building 779, with particular emphasis on the decommissioning of gloveboxes As part of the assessment, waste quantities were compared with quantities from previous estimates

2 2 Approach

2 2 1 There were four steps to the independent assessment

2 2 1 1 The first step was an evaluation of all available data regarding Building 779 This included

- Decommissioning Operations Plan for the 779 Cluster Interim Measure/Interim Remedial Action (*Draft*)
- 779 Cluster Decommissioning Project Waste Management Plan, Revision 0 (*June 1997*)
- RFETS Low-Level Waste Management Plan
- TRU Waste Management Plan
- As-built drawings for Building 779

2 2 1 2 The second step was a walk-down of Building 779 and an estimate of type and volume of waste material on a room-by-

room basis Industrial waste (e g , concrete rubble), Asbestos Waste, and Toxic Substance Control Act (TSCA) Waste was not included in this assessment Waste types included in the assessment are

- Transuranic (TRU) Waste - defined as waste contaminated with alpha-admitting TRU nuclides with half-lives greater than 20 years and concentrations greater than or equal to 100 nCi/gram alpha-emitting TRU nuclides at the time of assay

- Low-Level Waste (LLW) - defined as radioactive waste that is not classified as high-level waste, TRU waste, spent nuclear fuel, or a by-product material as defined in DOE Order 5280 2A LLW contains < 100 nCi/gram alpha-emitting TRU nuclides

- Hazardous Waste - defined as waste that exhibits the characteristics of corrosivity, ignitability, reactivity, or toxicity or that is listed in 6 CCR 1007-3, Section 261, Subpart B or 40 CFR 261, Subpart D

- Low-Level Mixed Waste - defined as hazardous waste containing measurable amounts of radioactive isotopes classified as low-level waste

- TRU Mixed Waste - defined as hazardous waste containing measurable amounts of radioactive isotopes classified as TRU waste

- Property Utilization and Disposal (PU&D) Materials - defined as those materials that have historically been accepted for storage and reuse (e g , office equipment)

2 2 1 3 The third step was a comparison of Waste Volumes with current RFETS waste estimates

2 2 1 4 The fourth, and final, step was identification of potential waste minimization opportunities for the decommissioning of Building 779

2 3 Building 779 Description

2 3 1 General Description - Building 779 is the primary structure in the 779 Cluster

2 3 1 1 Ground-floor area (including a covered dock) is 42,800 square feet (ft^2), the second floor is 24,370 ft^2, and the basement is 540 ft^2, for a total of 67,710 ft^2 The building is roughly L-shaped The north-south leg is approximately 161 ft wide and 214 ft long The east-west leg is 62 ft wide and 101 ft long At its highest point, the building is 27 ft tall

2 3 1 2 The building is constructed primarily of filled concrete block Interior walls are concrete block, transite, gypsum board, and acoustic paneling Floors are poured concrete, covered with vinyl-asbestos tile, carpet, or paint The roof is built up over rigid board insulation, supported by poured concrete on a metal pad

2 3 1 3 During 1988, the exterior containment of Building 779 was structurally upgraded to withstand a Design Basis Earthquake and Design Basis Wind The 779 Cluster was used for research and development activities including physical chemistry, physical metallurgy, machining and gauging technology, joining technology and process development The Cluster supported weapons production activities and was an essential component of the national security operations performed at Rocky Flats

2 3 2 Arrangement of Building 779 - Building 779 is comprised of three main areas

2 3 2 1 Section 1 is the original building and is two stories The first floor contains laboratories, a mechanical equipment room, a maintenance room, an emergency generator, and welding areas There is also a locker room, offices, radiation monitoring, and other small shop areas The second floor has two large laboratory areas containing coatings R&D, X-ray, gas diffusion, offices, and small laboratories There is also a small basement for process waste collection tanks, a fire protection water collection tank, and transfer pumps

2 3 2 2 Section 2 has five large research areas which were used for metal joining, electroplating, and machining Smaller areas

contain facilities which were used for measurement, mechanical properties evaluations, and physical evaluation An office, a locker room, and a mechanical equipment room are also located in this section

2 3 2 3 Section 3 is the second addition to the building It consists of two stories located at the southwest corner of the building Section 3 houses a mass spectrometer surveillance lab and an environmental storage area

2 3 3 Zone Concept for Confinement - To ensure that radioactivity is contained and controlled within the building, Building 779 is divided into several ventilation zones separated by physical barriers

2 3 3 1 Contamination control is accomplished through a series of pressure-control zones, each of which is connected to dampers that control the amount of air leaving a zone Ventilation pressure is increasingly negative from zone to zone toward areas of potentially higher radioactivity The ventilation atmosphere flows from areas having the least potential for radioactivity toward areas having progressively higher potentials

2 3 3 2 Air-pressure balance between zones is maintained by differential-pressure sensing instruments and is controlled by inlet and outlet zone dampers Pressure differentials maintain airflow toward the zone having highest radioactivity potential to final filtration, prior to being exhausted to the outside atmosphere

2 3 3 3 The outer shell of Building 779 provides the final containment barrier for radioactive materials before the outside environment Conventional double-door airlocks provide passage to areas that do not contain radioactive materials, such as offices or maintenance shops

2 3 4 Glovebox Design - The primary confinement of radioactive materials in plutonium process areas is achieved by the use of gloveboxes

2 3 4 1 In general, process gloveboxes are of welded construction, using formed stainless steel sheet Some boxes are lined with Teflon® Gloveboxes are covered with 1/8-in lead sheet *where greater radiation shielding was required*

2 3 4 2 Glovebox windows are attached by means of floating gaskets or external studs and clamping bars that seal suitable gaskets Windows are constructed of laminated safety glass, wire glass, or plastic, depending upon the use of the box *If shielding was required*, leaded glass was laminated with safety glass Gloveports are stainless steel rings welded to glovebox walls Thick rubber gloves are attached to gloveports with steel rings

2 3 4 3 Where possible, gloveboxes were designed with a single-level floor to prevent fissile material from accumulating in low areas or pockets Large openings in a glovebox, such as a ventilation duct, were positioned above the floor of the glovebox to prevent the entry of liquid Some gloveboxes that potentially could contain a critical quantity of fissile material had a gravity flow drainage system capable of removing liquid to maintain a critically safe depth Criticality drains terminated on the laboratory floor that was designed to hold the liquid in a critically safe configuration Liquid was then sucked into special Raschig ring-filled vacuum tanks for subsequent analyses and processing

Section 3 - Waste Estimates

3 1 The amounts and types of waste which are expected to be generated as a result of decommissioning Building 779 are summarized in Table 3 1 and identified on a room-by-room basis in Table 3 2 and Table 3 3

Table 3.1 - Building 779 Waste Volume Summaries

Waste Type	Volume (ft^3)		
	Assessment	RMRS Report[1]	Difference
Low-Level	43,917	53,873	-9,956
Mixed Low-Level	294	507	-213
TRU	14,034	784	13,250
Mixed TRU	3,546	not estimated	3,546
PU&D	63,475	73,900	-10,425
Industrial	not estimated	175,000	n/a
Asbestos	not estimated	46,572	n/a
PCB Waste	not estimated	101	n/a

[1] 779 Cluster Decommissioning Project Waste Management Plan, Revision 0

3 2 Assessment volumes in Table 3 1 are taken from the totals presented in Table 3 2 and 3 3 During the walk-down portion of the assessment, emphasis was placed on estimating waste materials in the contaminated areas of Building 779 Table 3 2 is a room-by-room estimate of the waste material identified during this walk-down Appendix B contains the inventory of materials for each of these rooms organized by D&D work area Appendix A is a crosswalk between D&D work area and Building 779 room numbers

3 3 Non-contaminated areas, utility rooms, and those areas which the assessment team did not have access to (e g , vaults) used waste volume data from the *779 Cluster Decommissioning Project Waste Management Plan, Revision 0* This data is presented in Table 3 3 The assessment team felt that this data was the best available current data for these areas

3 4 The difference in low-level waste estimates between the assessment team and the RMRS report is a result of the assessment not assuming that gloveboxes containing plutonium residuals would undergo a decontamination process and become low-level waste Similarly, the assessment assumed that gloveboxes with epoxied lead shielding would become mixed TRU waste

3 5 The difference in PU&D material estimates is most likely a result of PU&D materials removed from Building 779 as a part of Building 779 deactivation activities The activities were ongoing during the assessment walk-down

3 6 Industrial waste, asbestos waste and PCB waste were not part of this assessment

Table 3.2 - Building 779 Waste Estimate
Data Collected During Independent Assessment

Room Number	Room Classification				Room Size ft^3	Waste Type (ft^3)					
	NC	RBA	CA	HCA		LLW	Mixed LLW[a]	TRU	Mixed TRU[a]	PU&D	Total
118 Dumb Waiter			✓		0	0	0	0	0	0	0
119 Hallway		✓			0	84	0	0	0	1	85
124		✓			332	0	0	0	0	332	332
125		✓			512	139	0	0	0	245	384
128		✓			174	13	0	0	0	173	186
129 Stairwell		✓			0	0	0	0	0	0	0
130		✓			58	167	0	7	0	0	174
131			✓		962	1,046	30 80	16	0	125	1,218
132		✓			374	175	0	0	0	85	260
133			✓	✓	1,485	376	2	775	481	52	1,686
134		✓			163	26	0	0	0	161	187
135		✓			122	22	0	0	0	99	121
136		✓			236	71	0	0	0	182	253
137		✓			1,421	736	1	223	33	89	1,082
138 Hall		✓			292	238	0	0	0	0	238
139		✓			642	638	0	236	0	104	978
140		✓			531	573	0	0	0	0	573
140A		✓			289	185	0	0	0	27	212
140B		✓			172	47	0	0	0	91	138
141		✓			374	414	0	0	0	171	585
141A		✓			348	3,680	0	174	0	106	3,960
141B		✓			345	144	0	0	0	88	232
141C		✓			200	104	0	0	0	42	146
143 Airlock			✓		0	0	0	0	0	0	0
144 Elevator			✓		0	0	0	0	0	0	0
145			✓		174	35	0	0	0	146	181
146			✓		653	89	0	0	0	94	183
147			✓		26	18	0	0	0	1	19
148 Airlock			✓		0	0	0	0	0	0	0
149 Annex Hallway			✓		420	0	0	0	0	0	0
150			✓		4,007	2,214	0	1,735	636	157	4,742
151			✓		225	84	0	0	0	48	132
152			✓		606	594	0	327	125	216	1,262
153			✓		36	81	0	0	0	26	107
153A			✓		55	114	0	0	0	0	114
154			✓		1,938	507	27	1,121	0	396	2,051

NC - Non-Contaminated Area RBA - Radiological Buffer Area,
CA - Contamination Area, HCA - High Contamination Area

Table 3.2 - Building 779 Waste Estimate
Data Collected During Independent Assessment

Room Number	Room Classification				Room Size ft³	Waste Type (ft³)					
	NC	RBA	CA	HCA		LLW	Mixed LLW*	TRU	Mixed TRU*	PU&D	Total
155			✓		1,157	469	0	0	711	117	1,297
156			✓		291	206	0	0	0	32	238
157			✓		971	785	0	957	0	177	1,919
159			✓		658	559	0	88	0	85	732
160			✓		2,217	1,633	56	1,595	760	764	4,808
161			✓		57	28	0	0	0	36	64
163			✓		83	15	0	0	0	12	27
215 Airlock		✓			0	0	0	0	0	0	0
216 Hallway			✓		326	131	0	0	0	0	131
217			✓		1,062	591	0	826	0	43	1,460
218			✓		1,155	825	0	245	0	130	1,200
219 Abandoned Womens Restroom			✓		77	72	0	0	0	0	72
220			✓		1,196	603	0	762	68	126	1,559
221			✓		245	145	0	0	0	59	204
221 A/B/C			✓		350	171	0	0	0	39	210
222			✓		3,130	553	0	2,160	519	55	3,287
222A			✓		185	231	0	32	0	0	263
223			✓		838	560	0	0	0	0	560
224			✓		116	111	0	0	0	0	111
225			✓		463	326	0	0	0	78	404
226 Stairwell			✓		0	0	0	0		0	0
228			✓		4,553	1,598	0	1,319	120	585	3,622
229			✓		245	34	0	0	0	8	42
230			✓		159	575	0	21	0	229	825
231			✓		386	187	0	0	0	126	313
232			✓		227	110	0	0	0	188	298
233			✓		333	188	0	0	0	0	188
234			✓		947	882	0	315	0	275	1,472
234A			✓		64	100	0	1	0	98	199
234B			✓		269	483	0	0	0	0	483
235			✓		446	198	0	0	0	32	230
236 Airlock			✓		0	0	0	0		0	0
237 Hallway			✓		0	0	0	0	0	0	0
270			✓		593	1,705	0	806	48	45	2,604
271			✓		216	11	0	0	0	0	11
272			✓		578	353	0	244	45	1	643

NC - Non-Contaminated Area, RBA - Radiological Buffer Area,
CA - Contamination Area, HCA - High Contamination Area

Table 3.2 - Building 779 Waste Estimate
Data Collected During Independent Assessment

Room Number	Room Classification				Room Size ft^3	Waste Type (ft^3)					
	NC	RBA	CA	HCA		LLW	Mixed LLW[a]	TRU	Mixed TRU[a]	PU&D	Total
273			✓		65	21	0	0	0	1	22
274			✓		123	64	0	0	0	6	70
275			✓		192	125	0	0	0	32	157
277			✓		100	107	0	0	0	38	145
Totals						27,369	117	13,985	3,546	6,674	51,691

[a] The mixed waste estimates are *specific to potentially contaminated lead affixed to gloveboxes*

NC - Non-Contaminated Area, RBA - Radiological Buffer Area
CA - Contamination Area, HCA - High Contamination Area

Table 3.3 - Building 779 Waste Estimate
Data Taken From RMRS Waste Management Plan

Room Number	Room Classification				Room Size ft^3	Waste Type (ft^3)					
	NC	RBA	CA	HCA		LLW	Mixed LLW[a]	TRU	Mixed TRU[a]	PU&D	Total
Main Hallway 1 floor	✓				215	0	0	0	0	215	215
100 Vestibule	✓				187	0	0	0	0	187	187
101 Hall	✓				215	0	0	0	0	215	215
101A	✓				57	0	0	0	0	57	57
103,103A/B Mens Locker Room	✓				2,572	0	0	0	0	2,572	2,572
104 Elevator	✓				0	0	0	0	0	0	0
105	✓				152	0	0	0	0	152	152
106	✓				261	0	0	0	0	261	261
107	✓				513	0	0	0	0	513	513
108	✓				74	0	0	0	0	74	74
109	✓				249	0	0	0	0	249	249
110	✓				248	0	0	0	0	248	248
110A	✓				171	0	0	0	0	171	171
111 Hallway	✓				250	0	0	0	0	250	250
113	✓				2,960	0	0	0	0	2,960	2,960
114	✓				27,428	0	0	0	0	27,428	27,428
115	✓				3,189	0	0	0	0	3,189	3,189
115A	✓				826	0	0	0	0	826	826
116 Hallway	✓				646	0	0	0	0	646	646
116A	✓				130	0	0	0	0	130	130
117	✓				908	0	0	0	0	908	908
120 Change Room	✓				103	0	0	0	0	103	103
121	✓				1,628	0	0	0	0	1,628	1,628
121A	✓				414	0	0	0	0	414	414
121B Guard Station	✓				174	0	0	0	0	174	174
162	✓				1,626	0	0	0	0	1,626	1,626
166 Women Locker	✓				0	0	0	0	0	0	0
167, 167A Womens Locker	✓				758	0	0	0	0	758	758
201	✓				289	0	0	0	0	289	289
201A/B	✓				322	0	0	0	0	322	322
202	✓				633	0	0	0	0	633	633
202A	✓				190	0	0	0	0	190	190
203	✓				357	0	0	0	0	357	357

NC - Non-Contaminated Area RBA - Radiological Buffer Area
CA - Contamination Area HCA - High Contamination Area

Table 3.3 - Building 779 Waste Estimate
Data Taken From RMRS Waste Management Plan

Room Number	Room Classification				Room Size ft³	Waste Type (ft³)					
	NC	RBA	CA	HCA		LLW	Mixed LLW[a]	TRU	Mixed TRU[a]	PU&D	Total
204	✓				90	0	0	0	0	90	90
204A	✓				7	0	0	0	0	7	7
204B	✓				306	0	0	0	0	306	306
205	✓				668	0	0	0	0	668	668
206	✓				462	0	0	0	0	462	462
207	✓				104	0	0	0	0	104	104
207A	✓				70	0	0	0	0	70	70
207B	✓				169	0	0	0	0	169	169
207C	✓				67	0	0	0	0	67	67
208	✓				425	0	0	0	0	425	425
209	✓				289	0	0	0	0	289	289
210, 210A	✓				183	0	0	0	0	183	183
211	✓				60	0	0	0	0	60	60
212, 212A	✓				195	0	0	0	0	195	195
213	✓				844	0	0	0	0	844	844
214	✓				432	0	0	0	0	432	432
Docks	✓				2,026	0	0	0	0	2,026	2,026
001 Basement		✓			246	0	0	0	0	246	246
122 Utility		✓			1,348	0	0	0	0	1,348	1,348
123 Decon Room		✓			0	0	0	0	0	0	0
126 Utility		✓			1,055	1,271	0	0	0	38	1,309
127 Utility		✓			6,989	8,244	0	0	0	395	8,639
142 Utility		✓			819	539	0	0	0	460	999
160A Vault			✓		112	65	0	0	0	112	177
164 Airlock			✓		0	0	0	0	0	0	0
165, Womens Locker			✓		0	0	0	0	0	0	0
170 Dumb Waiter			✓		0	0	0	0	0	0	0
171 Vault			✓		4,415	5,481	151	0	0	30	5,662
172 Vault			✓		476	675	26	0	0	0	701
173 Vault			✓		216	269	0	0	0	1	270
Hallway			✓		32	4	0	0	0	29	33
153B				✓	49	0	0	49	0	0	49
Totals						16,548	177	49	0	56,801	73,575

[a] The mixed waste estimates are *specific to potentially contaminated lead affixed to gloveboxes*

NC - Non-Contaminated Area, RBA - Radiological Buffer Area,
CA - Contamination Area, HCA - High Contamination Area

Section 4 - Waste Minimization

4 1 Volume Reduction

4 1 1 The major opportunity for minimizing TRU waste in Building 779 is to detach gloveboxes and hoods from their stands This was assumed during the volume calculations for the waste estimates in Section 3 If the glovebox stands (pipes and angle iron) are determined to be TRU waste, they can be cut into pieces and placed inside the glovebox If they are determined to be LLW, they can be segregated into LLW containers In many instances, there are shelves, instrumentation, and apparatus attached to the glovebox stands which should be disconnected and removed from the frame unless extensive connections would make removal impractical These attachments can be segregated into LLW and TRU waste to minimize the amount of material considered TRU

4 1 2 Brackets that support shelving on walls and stands should be crushed flat onto the shelf surface, sawed off, or positioned so that the shelves can nest within one another Tables that have primarily open space below the top surface should be crushed or have the legs or sides removed Cabinets with doors and shelves instead of drawers can also be crushed to reduce volume by about one-third Cabinets with drawers could be crushed, however the volume savings is less than a third Some cabinets are connected together by a top surface Removing the tops so the cabinets can be separated does nor reduce the volume, but makes packing in waste containers easier

4 1 3 Platforms, carts, and stepstools that have railings or handles extending much higher or wider than the main volume could be removed to reduce dead air space in a waste container Storage shelves made of solid or perforated angle iron could be disassembled or sawed off so the shelves could be stacked Awkward equipment (e g , motors or vises) could be disconnected from their stands or carts to make packing easier

4 1 4 Small pipes should be nested within larger diameter pipes and small ducts within larger ducts

4 1 5 Gloveboxes and hoods can be cut into pieces to reduce volume A glovebox with dimensions of 3 feet by 4 feet by 6 feet will require 72 cubic feet of waste storage space but could be cut to fit into as little as 9 cubic feet

4 2 Waste Segregation

4 2 1 Lead-lined gloveboxes were constructed with the lead either bolted on or epoxied on to the stainless steel While it may not be cost effective to remove the epoxied lead sheets, removing the bolted lead sheets can reduce the volume of mixed waste generated during the decommissioning process

4 2 2 Segregation of materials between LLW, TRU and PU&B can be used to reduce the volume of each type of waste material Protective clothing, tools and other materials that are determined to be LLW should not be placed in TRU waste containers Similarly, materials that are not suspected of being contaminated and can cost-effectively be confirmed as non-contaminated (e g , smear surveys or radionuclide detection instrumentation) should be disposed of as PU&D These include desks, chairs, stools, filing cabinets, cork boards, chalkboards, bookcases, standard supply cabinets, ladders, tool boxes, and PC-based computer equipment

4 3 Recycling

4 3 1 Much of the piping in Building 779 could be sent to recycling centers for melting and reclamation Table 4 1 is a summary of the piping estimate for the rooms assessed in this study Appendix C is a room-by-room estimate of the piping used to generate Table 4 1 Recycling all of the piping in the assessed rooms except the conduit and PVC would reduce the waste volume by over 1,500 cubit feet

Table 4.1 - Cubic Feet of Piping

Stainless Steel	Copper	Iron	Fire	Conduit	PVC
1,154	220	88	69	197	11

Section 5 - Discussion and Recommendations

5 1 Discussion

5 1 1 The purpose of this project was to perform an independent assessment of the types and amounts of material that will be generated as a result of decommissioning Building 779 The assessment did not include other buildings in the 779 Cluster Emphasis in the assessment was placed on the contaminated or potentially contaminated areas of Building 779, with particular emphasis on the decommissioning of gloveboxes

5 1 2 As part of the assessment, waste quantities were compared with quantities from the *779 Cluster Decommissioning Project Waste Management Plan, Revision 0*

5 1 2 1 Differences in low-level waste and TRU waste estimates between the assessment team and the Waste Management Plan are a result of the assessment not assuming that gloveboxes containing plutonium residuals would undergo a decontamination process and become low-level waste Similarly, the assessment assumed that gloveboxes with epoxied lead shielding would become mixed TRU waste

5 1 2 2 The difference in PU&D material estimates is most likely a result of PU&D materials removed from Building 779 as a part of Building 779 deactivation activities These differences emphasize the need to perform a detailed inventory prior to initiation of building deactivation and a validation of that estimate after deactivation is complete

5 1 2 3 Waste estimates in the Waste Management Plan did specifically identify piping in the contaminated area The assessment identified 1,184 cubic feet of piping which could be recycled and would result in a reduction in generated waste

5 1 3 Comparisons with older waste estimates could not be made because electronic data from older estimate data bases could not be provided during the time period of this study Some notes and background material were made available for review

5 1 3 1 The background material which was reviewed for old waste estimates of Building 779 used detailed material estimates for

certain rooms in the building and assumed that other rooms were similar to these detailed rooms

5 1 3 2 As an example, rooms 133 and 137 were assumed to be similar to room 131 Taking data for room 131 from Table 3 2, this assumption would assume 3,138 cubic feet of LLW, 93 cubic feet of mixed LLW, 48 cubic feet of TRU waste and no mixed TRU waste in the three rooms combined Summing the data for rooms 131, 133, and 137 from the same table results in 2,843 cubic feet of LLW, 34 cubic feet of mixed LLW, 1014 cubic feet of TRU waste and 514 cubic feet of mixed TRU waste for these three rooms combined

5 1 3 3 This data indicates that a walk-down and waste inventory of all rooms is required to provide useful data to a decommissioning waste management plan

5 1 4 Gloveboxes and hoods account for much of the potential TRU waste in Building 779 Appendix D shows the total volume from gloveboxes, B-Boxes and hoods to be over 8,200 cubic feet Volume reduction could reduce this volume as low as 1,000 cubic feet

5 2 Recommendations

5 2 1 Technology Search

5 2 1 1 To facilitate the segregation of materials between LLW, TRU and PU&B (and reduce the volume of each type of waste material) cost effect and time saving methods to confirm the level of contamination (or to assure non-contamination) need to be identified and implemented These methods should be used to downgrade suspected waste to the lowest possible level

5 2 1 2 An evaluation of existing technologies for characterization of contaminated surfaces should be conducted This evaluation should include national laboratory technologies that have matured to an engineering design level

5 2 2 Building walk-downs and Waste Inventories

5 2 2 1 One of the key observations made during this assessment was that old waste inventories may be inaccurate, and that significant changes in waste volumes by type can occur during building deactivation prior to building decommissioning As a result, a

detailed walk-down and comprehensive inventory of materials (including piping) should be made to facilitate the decommissioning waste management process

5 2 2 2 A walk-down and inventory of each building identified for decommissioning should be made prior to initiation of building deactivation and validated after deactivation is completed to facilitate development of a comprehensive decommissioning waste management plan and to incorporate waste management lessons-learned from on-going or completed building decommissioning projects

5 2 3 Decision Analysis

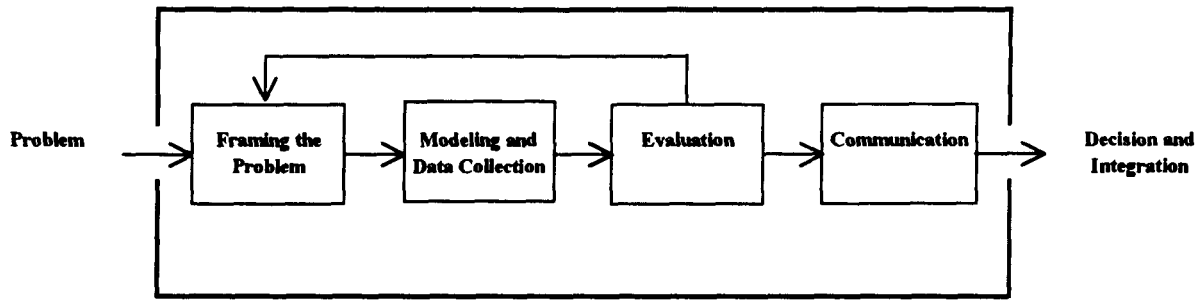
5 2 3 1 Deactivated gloveboxes, related containment systems and process equipment at the RFETS has the potential of accounting for much of the TRU waste from decommissioning buildings As an alternative to packaging gloveboxes as TRU waste, available technology process alternatives for decontamination to levels below TRU at the point of generation should be evaluated for cost effectiveness A recent study concluded that there are no current drivers, and large technical and cost uncertainties, for the decontamination of old deactivated gloveboxes used for heat source assembly (^{238}Pu) The conclusion was based on the difficulty in judging the cost-effectiveness for not only deactivation but also the cost effectiveness of waste management

5 2 3 2 The decision to decontaminate a glovebox is complicated by competing alternatives, conflicting objectives, uncertain consequences, declining resources, intangible concerns, and multiple participants and raises both methodological and philosophical questions Decision analysis is a philosophy and a methodology for making decisions under these types of uncertainties It provides a logical framework for decision making based on what you know (uncertainties), what you can do (alternatives), and what you prefer (values) The decision analysis process can be viewed as an iterative series of steps as illustrated in Figure 5 1

5 2 3 3 A decision analysis tool should be used in the planning process to determine the preferred alternative for glovebox D&D at the RFETS by assessing the technical, economic, operational and institutional alternatives for cost effective glovebox D&D This

will contribute to the accelerated cleanup and closure of the RFETS by applying a logical framework and formal methodology for making decisions under uncertainty to the complex problem of D&D of contaminated gloveboxes

Figure 5.1 - Decision Analysis Process



APPENDICES

APPENDIX A

BUILDING 779 CROSSWALK
BETWEEN WORK AREA AND ROOM NUMBER

Building 779 Crosswalk D&D Area and Rooms
(Room Breakout)

Room Number	Data Collected [1]		D&D Area	Comments	Room Classification			
	Yes	No			NC	RBA	CA	HCA
001		✓	24			✓		
100		✓	23	Vestibule	✓			
101		✓	23	Hallway	✓			
101a		✓	23		✓			
103,103a,b		✓	23	Mens Locker Room	✓			
104		✓	23	Elevator	✓			
105		✓	23		✓			
106		✓	23		✓			
107		✓	23		✓			
108		✓	23		✓			
109		✓	23		✓			
110		✓	23		✓			
110a		✓	23		✓			
111		✓	23	Hallway	✓			
113		✓	21		✓			
114		✓	21		✓			
115		✓	21		✓			
115a		✓	21		✓			
116		✓	21	Hallway to Dock	✓			
116a		✓	21		✓			
117		✓	21		✓			
118	✓		23	Dumb Waiter			✓	
119	✓		23	Hallway		✓		
120		✓	23	Changing Room				
121		✓	24					
121a		✓	24					
121b		✓	24	Unused Guard Station				
122		✓	24	Utility		✓		
123		✓	24	Decon Room		✓		
124	✓		23			✓		
125	✓		23			✓		
126		✓	24	Utility		✓		
127		✓	24	Utility		✓		
128	✓		23			✓		
129	✓		23	Stairwell		✓		
130	✓		23			✓		
131	✓		8				✓	

NC - Non-contaminated area, RBA - Radiological Buffer Area,
CA - Contamination Area, HCA - High CA

Building 779 Crosswalk D&D Area and Rooms
(Room Breakout)

Room Number	Data Collected [1]		D&D Area	Comments	Room Classification			
	Yes	No			NC	RBA	CA	HCA
132	✓		23			✓		
133	✓		7				✓	✓
134	✓		23			✓		
135	✓		23			✓		
136	✓		23			✓		
137	✓		6			✓		
138	✓		23	Hallway		✓		
139	✓		9			✓		
140	✓		5			✓		
140a	✓		5			✓		
140b	✓		5			✓		
141	✓		5			✓		
141a	✓		5			✓		
141b	✓		5			✓		
141c	✓		5			✓		
142		✓	25	Utility		✓		
143	✓		26	Airlock			✓	
144	✓		26	Elevator			✓	
145	✓		26				✓	
146	✓		26				✓	
147	✓		26				✓	
148	✓		26	Airlock			✓	
149	✓		26	Annex Hallway			✓	
150	✓		1				✓	
151	✓		26				✓	
152	✓		27				✓	
153	✓		2				✓	
153a	✓		2				✓	
153b		✓	2	Vault				✓
154	✓		27				✓	
155	✓		3				✓	
156	✓		4				✓	
157	✓		3				✓	
159	✓		26				✓	
160	✓		4				✓	
160a		✓	4	Vault			✓	
161	✓		26				✓	
162		✓	26		✓			
163	✓		26				✓	
164		✓	26	Airlock			✓	

NC - Non-contaminated area, RBA - Radiological Buffer Area,
CA - Contamination Area, HCA - High CA

Building 779 Crosswalk D&D Area and Rooms
(Room Breakout)

Room Number	Data Collected[1]		D&D Area	Comments	Room Classification			
	Yes	No			NC	RBA	CA	HCA
165		✓	26	Woman's Locker Rm			✓	
166		✓	26	Woman's Locker Rm	✓			
167,167a		✓	26	Woman's Locker Rm	✓			
170		✓	22	Dumb Waiter			✓	
171		✓	22	Vault			✓	
172		✓	22	Vault			✓	
173		✓	22	Vault			✓	
201		✓	20		✓			
201a,b		✓	20		✓			
202		✓	20		✓			
202a		✓	20		✓			
203		✓	20		✓			
204		✓	20		✓			
204a		✓	20		✓			
204b		✓	20		✓			
205		✓	20		✓			
206		✓	20		✓			
207		✓	20		✓			
207a		✓	20		✓			
207b		✓	20		✓			
207c		✓	20		✓			
208		✓	20		✓			
209		✓	20		✓			
210, 210a		✓	20		✓			
211		✓	20		✓			
212,212a		✓	20		✓			
213		✓	20		✓			
214		✓	20		✓			
215	✓		12	Airlock		✓		
216	✓		12	Hallway			✓	
217	✓		14				✓	
218	✓		19				✓	
219	✓		12	Abandoned Restroom			✓	
220	✓		18				✓	
221	✓		10				✓	
221a	✓		10				✓	
221b	✓		10				✓	
221c	✓		10				✓	
222	✓		17				✓	

NC - Non-contaminated area, RBA - Radiological Buffer Area,
CA - Contamination Area, HCA - High CA

Building 779 Crosswalk D&D Area and Rooms
(Room Breakout)

Room Number	Data Collected [1]		D&D Area	Comments	Room Classification			
	Yes	No			NC	RBA	CA	HCA
222a	✓		17				✓	
223	✓		10				✓	
224	✓		12				✓	
225	✓		10				✓	
226	✓		12	Stairwell			✓	
228	✓		16				✓	
229	✓		12				✓	
230	✓		12				✓	
231	✓		12				✓	
232	✓		12				✓	
233	✓		12				✓	
234	✓		13				✓	
234a	✓		13				✓	
234b	✓		13				✓	
235	✓		12				✓	
236	✓		12	Airlock			✓	
237	✓		12	Hallway			✓	
270	✓		15				✓	
271	✓		11				✓	
272	✓		11				✓	
273	✓		10				✓	
274	✓		10				✓	
275	✓		10				✓	
277	✓		10				✓	

Notes 1 - "Yes" means data was collected during the independent assessment
"No" means data was extracted from the *779 Cluster Decommissioning Project Waste Management Plan, Revision 0*

NC - Non-contaminated area, RBA - Radiological Buffer Area,
CA - Contamination Area, HCA - High CA

Building 779 Crosswalk Between D&D Area and Rooms (Area Breakout)

D&D Area	Data Collected [1] Yes	Data Collected [1] No	Room Number	Comments	Room Classification NC	Room Classification RBA	Room Classification CA	Room Classification HCA
1	✓		150				✓	
2	✓		153				✓	
2	✓		153a				✓	
2		✓	153b	Vault				✓
3	✓		155				✓	
3	✓		157				✓	
4	✓		156				✓	
4	✓		160				✓	
4		✓	160a	Vault			✓	
5	✓		140			✓		
5	✓		140a			✓		
5	✓		140b			✓		
5	✓		141			✓		
5	✓		141a			✓		
5	✓		141b			✓		
5	✓		141c			✓		
6	✓		137			✓		
7	✓		133				✓	✓
8	✓		131				✓	
9	✓		139			✓		
10	✓		221				✓	
10	✓		221a				✓	
10	✓		221b				✓	
10	✓		221c				✓	
10	✓		223				✓	
10	✓		225				✓	
10	✓		273				✓	
10	✓		274				✓	
10	✓		275				✓	
10	✓		277				✓	
11	✓		271				✓	
11	✓		272				✓	
12	✓		215	Airlock		✓		
12	✓		216	Hallway			✓	
12	✓		219	Abandoned Restroom			✓	
12	✓		224				✓	
12	✓		226	Stairwell			✓	
12	✓		229				✓	
12	✓		230				✓	
12	✓		231				✓	
12	✓		232				✓	

NC - Non-contaminated area, RBA - Radiological Buffer Area,
CA - Contamination Area, HCA - High CA

Building 779 Crosswalk Between D&D Area and Rooms (Area Breakout)

D&D Area	Data Collected [1] Yes	Data Collected [1] No	Room Number	Comments	Room Classification NC	RBA	CA	HCA
12	✓		233				✓	
12	✓		235				✓	
12	✓		236	Airlock			✓	
12	✓		237	Hallway			✓	
13	✓		234				✓	
13	✓		234a				✓	
13	✓		234b				✓	
14	✓		217				✓	
15	✓		270				✓	
16	✓		228				✓	
17	✓		222				✓	
17	✓		222a				✓	
18	✓		220				✓	
19	✓		218				✓	
20		✓	201		✓			
20		✓	201a,b		✓			
20		✓	202		✓			
20		✓	202a		✓			
20		✓	203		✓			
20		✓	204		✓			
20		✓	204a		✓			
20		✓	204b		✓			
20		✓	205		✓			
20		✓	206		✓			
20		✓	207		✓			
20		✓	207a		✓			
20		✓	207b		✓			
20		✓	207c		✓			
20		✓	208		✓			
20		✓	209		✓			
20		✓	210, 210a		✓			
20		✓	211		✓			
20		✓	212,212a		✓			
20		✓	213		✓			
20		✓	214		✓			
21		✓	113		✓			
21		✓	114		✓			
21		✓	115		✓			

NC - Non-contaminated area, RBA - Radiological Buffer Area,
CA - Contamination Area, HCA - High CA

Building 779 Crosswalk Between D&D Area and Rooms (Area Breakout)

D&D Area	Data Collected [1] Yes	Data Collected [1] No	Room Number	Comments	Room Classification NC	Room Classification RBA	Room Classification CA	Room Classification HCA
21		✓	115a		✓			
21		✓	116	Hallway to Dock	✓			
21		✓	116a		✓			
21		✓	117		✓			
22		✓	170	Dumb Waiter			✓	
22		✓	171	Vault			✓	
22		✓	172	Vault			✓	
22		✓	173	Vault			✓	
23		✓	100	Vestibule	✓			
23		✓	101	Hallway	✓			
23		✓	101a		✓			
23		✓	103,103a,b	Mens Locker Room	✓			
23		✓	104	Elevator	✓			
23		✓	105		✓			
23		✓	106		✓			
23		✓	107		✓			
23		✓	108		✓			
23		✓	109		✓			
23		✓	110		✓			
23		✓	110a		✓			
23		✓	111	Hallway	✓			
23	✓		118	Dumb Waiter			✓	
23	✓		119	Hallway		✓		
23		✓	120	Changing Room				
23	✓		124			✓		
23	✓		125			✓		
23	✓		128			✓		
23	✓		129	Stairwell		✓		
23	✓		130			✓		
23	✓		132			✓		
23	✓		134			✓		
23	✓		135			✓		
23	✓		136			✓		
23	✓		138	Hallway		✓		
24		✓	001			✓		
24		✓	121					
24		✓	121a					
24		✓	121b	Unused Guard Station				

NC - Non-contaminated area, RBA - Radiological Buffer Area,
CA - Contamination Area, HCA - High CA

Building 779 Crosswalk Between D&D Area and Rooms (Area Breakout)

D&D Area	Data Collected[1] Yes	Data Collected[1] No	Room Number	Comments	Room Classification NC	RBA	CA	HCA
24		✓	122	Utility		✓		
24		✓	123	Decon Room		✓		
24		✓	126	Utility		✓		
24		✓	127	Utility		✓		
25		✓	142	Utility		✓		
26	✓		143	Airlock			✓	
26	✓		144	Elevator			✓	
26	✓		145				✓	
26	✓		146				✓	
26	✓		147				✓	
26	✓		148	Airlock			✓	
26	✓		149	Annex Hallway			✓	
26	✓		151				✓	
26	✓		159				✓	
26	✓		161				✓	
26		✓	162		✓			
26	✓		163				✓	
26		✓	164	Airlock			✓	
26		✓	165	Woman's Locker Rm			✓	
26		✓	166	Woman's Locker Rm	✓			
26		✓	167,167a	Woman's Locker Rm	✓			
27	✓		152				✓	
27	✓		154				✓	

Notes 1 - "Yes" means data was collected during the independent assessment
"No" means data was extracted from the *779 Cluster Decommissioning Project Waste Management Plan, Revision 0*

NC - Non-contaminated area, RBA - Radiological Buffer Area,
CA - Contamination Area, HCA - High CA

APPENDIX B

BUILDING 779 ROOM INVENTORY

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume ft^3	Component
			L	W	H	Dia.		
150	0002309-00	1	35	96	32		62 22	Inert Welding Chamber, pressurized inert gas, lead, beryllium, 4 gloveport w/gloves
150		1	123	24	85		145 21	Electric service panel (blue) Leybold-Herau
150		1	36			24	9 42	Grey cylinder
150		1	36	18	72		27 00	Supply cabinet
150		1	73	27	84		95 81	R&D welding cabinet (blue) steel doors
150		1	32	24	40		17 78	Rolling bottle rack
150		1	17	48	20		9 44	Silver rolling rack, remove handles to get height
150		1	36	48	34		34 00	Tray
150		1	35	48	24		23 33	Wood-pannelled box-weld instruments
150		2	40	26	19		22 87	Wood panelled box-weld instruments
150		1	21	34	37		15 29	Rolling tool box
150		1	22	20	20		5 09	EB welder box
150		1	53	30	33		30 36	Grey EB welder
150		1	48	60	25		41 67	Platform
150		1	63	72	100		262 50	Grey Xray welder
150		1	25	25	26		9 40	Oscillator
150		1	10	6	24		0 83	J box
150		1	11	6	12		0 46	J box
150		1	12	4	12		0 33	J box
150		1	21	33	32		12 83	Grey cart
150		1	30	28	19		9 24	3 step stool
150		1	24	23	23		7 35	Stool
150		1	24	24	36		12 00	Chair
150		1	51	27	67		53 39	Metal apparatus on blue rolling cart
150		1	30	57	74		73 23	Equip 580 (grey box)
150		1	14	45	27		9 84	Skyhook
150		1	25	25	9		3 26	J box

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume ft³	Component
			L	W	H	Dia.		
150		1	36			19	5 91	Motors
150		1	33	24	22		10 08	Compressor
150		1	31	24	49		21 10	SS hood plexi face
150		1	12	13	28		2 53	Vertical belt sander
150		1	9	9	16		0 75	Grinder
150		1	72	30	34		42 50	Workbench w/wood top on wheels
150			22	16	19		0 00	Sink
150		1	17	20	7		1 38	Sonogen cleaner
150		1	25	37	69		36 94	Leaded box for Xray welder
150		1	20	18	18		3 75	Vacuum pump
150		1	48	48	72		96 00	Equipment assy
150		1	19	12	9		1 19	Box on side of xray welder
150		1	11	33	9		1 89	SS Step
150		2	24	24	36		24 00	Chairs, std sizes
150		1	12	4	12		0 33	Speaker, std sizes
150		1	12	10	36		2 50	Bottle rack
150		1	30	28	42		20 42	Heating unit
150		1	37	30	12		7 71	Wall cabinet w/glass doors
150		1	30	49	30		25 52	Table formica top
150	36056	1	22	35	17		7 58	Abrasive cutter
150		1	24	8	72		8 00	Ladder
150		1	16	9	12		1 00	J box
150		1	16	29	34		9 13	File cabinet on wheels
150	613	1	80	33	52		79 44	Blue equipment
150		2	48	186	13		134 33	Ruvac motor
150		2	35	23	38		35 41	Motor stand w/motor
150		2	10	10	6		0 69	J box
150		1	18	14	12		1 75	Grill box w/motor

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume ft^3	Component
			L	W	H	Dia.		
150		1	22	16	25		5 09	Stand
150		1	20	12	20		2 78	Motor
150		1	24	2	76		2 11	Foam panels
150		1	20	38	35		15 39	Rolling tool cart
150		1	48	48	72		96 00	Large blue assy
150		1	63	72	100		262 50	Blue Xray
150		1	60	27	23		21 56	Inst rack (blue) for EB welder
150		1	19	33	37		13 43	Rolling cart tool box
150		1	30			9	1 10	Light stand, std size
150		1	12	12	8		0 67	Eyewasher, std size
150		1	9			12	0 59	Shower, std size
150		1	12	24	24		4 00	Enlarger
150		1	24	28	2		0 78	Wood stand
150		1	4	7	57		0 92	Enlarger arm
150		1	24	96	38		50 67	Cabinet w/drawers and doors
150	36255	1	19	36	14		5 54	Thermal monitor
150		1	18	18	48		9 00	Dolly
150		1	19	36	38		15 04	Tool chest w/wheels
150		1	19	22	25		6 05	Drive control
150	35910	1	23	27	25		8 98	Voltmeter
150	276-007	1	84	10	3		1 46	Bottlerack
150		1	50	117	72		243 75	Tan tank, 276-007 or 143 (not property tags)
150		1	30	84	35		51 04	Base cabinet
150		1	24	38	31		16 36	Grey cart
150	34892	1	25	26	53		19 94	Green weld programmer
150		1	22	17	15		3 25	Piece of weld programmer
150		1	36	28	34		19 83	Compressor
150		1	48	24	72		48 00	Misc equipment

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume ft^3	Component
			L	W	H	Dia.		
150		1	24	41	24		13 67	Weld cylinder
150		1	43	21	36		18 81	Table
150	276-003	1	88	48	67		163 78	Green tank w/welded stand
150		1	16	12	12		1 33	Vacuum pump
150		1	18	24	24		6 00	3-step stool, std size
150		2	24	24	36		24 00	Chair, std size
150		1	18			18	2 65	Step stool
150		1	36			10	1 64	Fire extinguisher, std size
150		1	40	10	3		0 69	Bottle rack
150		1	29	10	16		2 69	Assy, under tan tank
150		2	12			6	0 39	Cylinder, under tan tank
150		1	33	22	38		15 97	Vacuum
150		1	8	8	12		0 44	Bullhorn speaker
150		1	24	6	72		6 00	Ladder
150		2	24	6	120		20 00	Ladders
150		1	18	9	11		1 03	Vise
150		1	78	36	34		55 25	Table with SS top (crush 16")
150	40744	1	26	67	24		24 19	Arc welder
150	36536	1	32	59	24		26 22	Arc welder inst
150		1	10			13	0 77	Cylinder
150		1	26	48	45		32 50	Cart (welding)
150		1	32			24	8 38	Airlock
150		1	13	24	21		3 79	Welding inst
150		1	132	36	36		99 00	Weld chamber - hollow square support
150		1	39	29	33		21 60	Weld inst under 2309
150		1	11	8	7		0 36	Inst (foot switch)
150		1	72	28	35		40 83	Workbench w/wood top, drawers and shelves
150	36096	1	10	8	6		0 28	Flowmeter

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume ft^3	Component
			L	W	H	Dia.		
150	35879	1	9	16	15		1 25	Microscope
150		1	10	18	9		0 94	Calculator
150	35920	1	16	9	9		0 75	Microscope
150		1	188			4	1 37	Cooling water supply
150		2	16	16	10		2 96	Valves
150		1	39	40	26		23 47	Tan instrument box
150		1	22	18	16		3 67	Calibrator
150	36428	1	26	12	10		1 81	Microscope
150	36896	1	9	7	9		0 33	Micro control
150		1	48	36	6		6 00	Marble table
150		1	9	12	7		0 44	Fixture controller
150		1	32	16	19		5 63	Lathe
150		1	29	33	39		21 60	Marble stand (steel)
150		1	73	23	38		36 92	Lab cabinet w/draw
150		1	74	15	46		29 55	Hutch
150	35948	1	96	32	42		74 67	Hood 207
150		1	96	29	40		64 44	Cabinet w/doors under hood
150		2	16	36	8		5 33	Flour lights
150		1	76	25	85		93 46	Cabinet w/shelves, metal doors
150		1	49	27	32		24 50	Rolling magnet cart
150		1	10	26	15		2 26	Magnet
150		2	36			16	8 38	Stool
150		1	504			0 38	0 03	Copper pipe
150		1	960			0 5	0 11	Copper pipe
150		1	1464			0 75	0 37	Iron pipe
150		1	504			0 75	0 13	Copper pipe
150		1	504			0 75	0 13	Copper pipe, insulated
150		1	984			0 75	0 25	Conduit

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume ft^3	Component
			L	W	H	Dia.		
150		1	3864			1	1 76	Copper pipe
150		1	1004			1	0 46	Conduit
150		1	3360			1	1 53	Conduit
150		1	1488			1 25	1 06	Conduit
150		1	1464			1 25	1 04	Copper pipe
150		1	1008			1 25	0 72	Iron pipe
150		1	504			1 25	0 36	Stainless steel
150		1	1488			1 5	1 52	Conduit
150		1	504			1 5	0 52	Fire pipe
150		1	504			1 5	0 52	Iron pipe
150		1	984			2	1 79	Conduit
150		1	1512			2	2 75	Fire pipe
150		1	1008			2	1 83	Iron pipe
150		1	960			2	1 75	Iron pipe
150		1	1464			2 5	4 16	Iron pipe
150		1	1008			3 5	5 61	Stainelss steel
150		1	480			4	3 49	Fire pipe
150		1	120			10	5 45	Hood Exaust
150		1	912			14	81 25	Hood Exaust
150		1	612			14	54 52	Beryllium Exaust
150		1	900			6	14 73	Exaust
150		1	492			3 5	2 74	Exaust
150		1	6	6	6		0 13	Butterfly valve
150		1	6	6	6		0 13	Gate valve
150		1	3 5	3 5	3 5		0 02	Pressure valve
150		1	216			5	2 45	Exaust
150		1	384			8	11 17	Exaust
150		3	8	8	8		0 89	Butter valve

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume ft^3	Component
			L	W	H	Dia.		
150		2	8	8	8		0 59	Gate valve
150		1	3	828	6		8 63	Buss bar
150		1	432			22	95 03	Exaust
150		1	192			30	78 54	Hood Exaust
150		1	18	1176	24		294 00	Duct
150		1	7	216	24		21 00	Duct
150		1	9	888	18		83 25	Duct
150		1	9	480	14		35 00	Duct
150		1	24	744	36		372 00	Duct
150		2	8	6	14		0 78	Service breaker
150		1	12	6	18		0 75	Breaker box
150		1	6	12	20		0 83	Fire alarm
150		1	8	1140	8		42 22	I beam
					Totals		4741 8	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume ft^3	Component
			L	W	H	Dia.		
153		1	40			30	16 36	Speaker , 1 ea
153		1	31	35	53		33 28	Work bench, standing
153		1	9	8	14		0 58	SAAM & alpha station
153		3	48	24	6		12 00	4 bulb - fluorescent light
153		1	12	12	12		1 00	Metal holder
153		1	12	12	10		0 83	Diaphragm assy
153		1	43	18	8		3 58	TID station
153		1	42	18	8		3 50	Mail slots
153		2	14	14	3		0 68	Emergency lights
153		5	8	8	12		2 22	Bullhorn speakers
153		1	468			0 75	0 12	Iron Pipe
153		1	180			0 75	0 05	Conduit
153		1	192			1	0 09	Conduit
153		1	144			1	0 07	Iron pipe
153		1	120	7	12		5 83	Duct work
153		1	84	6	3		0 88	Buss bar
153		1	6	12	5		0 21	J box
153		1	60	24	30		25 00	Desk
153		1	576			1 25	0 41	Copper pipe
153		1	288			1	0 13	Copper pipe
153		1	288			1 25	0 20	Copper pipe
153		1	576			1	0 26	Copper pipe
153		1	288			1	0 13	Iron pipe
					Totals		107 4	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
153A	3587200	1	41	46	45		49 11	Compressor assy
153A		2	17	26	36		18 42	Trash compactors
153A		1	20	17	29		5 71	Electricl rack
153A		1	9	8	15		0 63	Rectifer
153A		2	48	24	8		10 67	Fluorescent light
153A		1	12	4	9		0 25	Vent cover
153A		1	24	12	11		1 83	Vacuum pump
153A		1	12	12	11		0 92	Vacuum pump
153A		1	24	36	12		6 00	Stand (crushable)
153A		1	29	30	40		20 14	Hvy steel drum shield
153A		1	12	12	4		0 33	Speaker
153A		1	1 5	3	66		0 17	Electricl power strip
					Totals		114 2	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume ft^3	Component
			L	W	H	Dia.		
155	00035950-00	1	54	32	28		28 00	GB-206-218 Internal
155		1	30	32	28		15 56	GB-206-219
155		16	40			2	1 16	Pipe
155		1	18	20	20		4 17	GB 206-218, SS, drop in port
155		1	54	32	28		28 00	GB 206-218, SS
155		1	30	32	28		15 56	GB 206-219, SS
155		1	56	32	28		29 04	GB 206-220, SS
155		1	47	32	28		24 37	GB 206-221, SS
155		1	40	16	32		11 85	Table
155		2	15	7	8		0 97	Scale
155	36341	1	25	11	11		1 75	Instrument
155		1	9	8	14		0 58	SAAM, std size
155		1	57	36	36		42 75	GB 206-222, SS
155		1	54	36	36		40 50	GB 206-223, SS
155		1	30	36	36		22 50	GB 224, SS, Welded
155		1	36	36	36		27 00	GB 225, SS, Welded
155	31290	1	20	12	6		0 83	Instrument
155		2	24	24	36		24 00	Chair
155		2	24	24	48		32 00	Stool
155		1	12	12	8		0 67	Eyewash
155		1	9			12	0 59	Safety Shower
155		1	27	22	30		10 31	Small Rolling Stair
155		1	59	38	25		32 44	Cabinet with sink under hood
155		1	59	49	28		46 84	Hood
155		1	12	16	6		0 67	Junction box
155		2	16	26	24		11 56	Cabinet 3 drawer
155	31453	1	60	26	25		22 57	Leitz instrument
155		1	16	16	25		3 70	Power supply

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume ft³	Component
			L	W	H	Dia.		
155		1	16	29	27		7 25	Cabinet, under GB
155		1	38			3 5	0 21	Crit drain
155		16	40			2	1 16	Pipe
155		1	12	24	18		3 00	Small vacuum pump
155		2	5	5	10		0 29	Controll
155	35812	1	12	6	12		0 50	Power supply
155		1	15	17	14		2 07	Power source
155		4	40			2	0 29	Legs
155		8	2	3	40		1 11	Legs
155		2	2	3	44		0 31	Cross piece
155		4	2	3	68		0 94	Cross piece, under GB
155		1	17	34	27		9 03	File cabinet
155		1	15	24	29		6 04	2 drawer file
155		1	12	24	18		3 00	Small vacuum pump
155		2	5	6	3		0 10	Timer
155		1	38			3 5	0 21	Crit drain
155		2	8	8	6		0 44	Timer, under GB
155		1	18			12	1 18	Sump pump
155	32505	1	8	15	19		1 32	Microscope
155		1	32	66	31		37 89	Refrigerator
155		1	16	20	6		1 11	Fire panel set
155		1	36	18	36		13 50	Standard glass door file
155		1	36	78	24		39 00	Cabinet with 2 doors
155		1	36	25	31		16 15	Table
155		1	18	34	16		5 67	Heavy box with wheels
155		1	107	31	45		86 38	Work bench with drawers
155		2	47	30	12		19 58	Wall cabinet
155		1	19	8	16		1 41	4 file cabinet

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume ft^3	Component
			L	W	H	Dia.		
155	36447	1	16	16	11		1 63	Instrument
155		4	48	24	8		21 33	Fluorescent light-2 bulb
155		1	48	24	8		5 33	Fluorescent light-4 bulb
155		1	43	72	19		34 04	Flame cabinet
155		1	2	50	30		1 74	Table
155		1	47	35	22		20 94	Drawers
155		1	36			10	1 64	Fire extinguisher
155		4	288			0 25	0 03	Copper pipe
155		3	288			0 38	0 06	Stainless steel pipe
155		1	276			0 38	0 02	Stainless steel pipe
155		1	288			0 5	0 03	Copper pipe
155		1	276			0 5	0 03	Stainless steel pipe
155		1	288			0 75	0 07	Iron pipe
155		1	456			0 75	0 12	Iron pipe
155		3	288			0 75	0 22	Conduit
155		1	300			0 75	0 08	Conduit
155		1	240			0 75	0 06	Conduit
155		1	120			0 75	0 03	Copper pipe
155		1	288			0 75	0 07	Copper pipe
155		1	1980			1	0 00	Conduit
155		1	84			1	0 00	Copper pipe
155		1	72			1	0 00	Iron pipe
155		3	288			1 25	0 61	Conduit
155		1	240			1 25	0 17	Conduit
155		1	60			1 25	0 04	Conduit
155		1	288			1 25	0 20	Fire pipe
155		2	288			1 25	0 41	Copper pipe, insulated
155		1	324			1 5	0 33	Conduit

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume ft^3	Component
			L	W	H	Dia.		
155		1	96			1 25	0 07	Copper pipe
155		3	240			2	1 31	Conduit
155		1	288			2	0 52	Conduit
155		1	336			2 5	0 95	Stainless steel pipe
155		3	288			2 5	2 45	Conduit
155		5	288			3	5 89	Conduit
155		1	240			3	0 98	Fire pipe
155		1	240			3 5	1 34	Iron pipe
155		1	240			4	1 75	Iron pipe
155		1	240			4	1 75	Stainless steel pipe
155		1	240			7	5 35	Stainless steel pipe
155		1	36			2 25	0 08	Stainless steel exaust
155		2	36			3	0 29	Stainless steel exaust
155		1	12	12	12		1 00	Filter box
155		1	2	564	3		1 96	Buss bar
155		1	18	18	12		2 25	Large fan box
155		1	12	12	6		0 50	Small fan box
155		2	6	8	4		0 22	Buss
155		1	12	24	8		1 33	Negative light
155		1	5	10	132		3 82	Return air
155		1	6	144	3		1 50	Buss bar
155		1	720			2 5	2 05	Exaust pipe
155		1	96			6	1 57	Exaust pipe
155		1	240			5	2 73	Exaust pipe
155		1	3	80	3		0 42	Buss bar
155		1	7	24	16		1 56	Stainless steel tank
155		1	528			14	47 04	Stainless steel exaust, into big pipe

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume ft^3	Component
			L	W	H	Dia.		
155		1	30	288	60		300 00	Stainless steel exaust
155		1	240			10	10 91	Stainless steel exaust
155		1	10	288	24		40 00	Duct work
155		1	288			3 5	1 60	Exaust pipe
155		1	1584			6	25 92	Water pipe
					Totals		1297 4	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume ft³	Component
			L	W	H	Dia.		
157		1	42	50	78		94 79	GB-222 gloves removed, low speed tensile tester, 3 phase plexi face, 26 open ports, 3 phase plexi face
157	3594300	1	60	48	84		140 00	GB-223 w/huge press, SS bolted, no Pb, high speed tensile tester
157	3594400	1	68	42	42		69 42	GB224, plexi face, bolted SS, no lead, 10 gp
157		1	18	18	18		3 38	Bagout port under GB224, SS, fatigue tester
157	3594500	1	106	32	40		78 52	GB-225, 11 open ports, SS, welded, no lead, 9 gp
157		1	92	32	40		68 15	GB-226, SS, welded, no lead, 9 gp
157	3404500	1	28	18	48		14 00	Oscilloscope
157	4469300	1	66	34	78		101 29	Testing Machine Universal
157		1	24	20	12		3 33	*Sink MKD Do Not Use, SS*
157		1	34	60	31		36 60	Desk
157		1	84	12	12		7 00	Eyewash Station
157		1	60	48	36		60 00	Safety Shower
157		1	37	25	37		19 81	Steel Cabinet - sliding steel doors
157		1	46	40	50		53 24	Hydralic power supply
157	35925	1	9	10	21		1 09	Controller
157	35885, 36093	1	67	36	72		100 50	Control console w/15 electrical panels for Instrument on tensile tester
157	3710	2	36	12	12		6 00	Gas stand cylinder
157	371	2	36	18	78		58 50	Supply cabinet (std)
157	20732	1	40	29	40		26 85	Tensile stand under gb 224
157	35880	1	10	24	22		3 06	Torque tester
157		1	14	14	3		0 34	Emergency light
157		1	4			15	0 41	Clock
157		1	37	24	37		19 01	Supply cabinet w/steeldoors
157		1	18			15	1 84	Storage cylinder
157		1	60			2	0 11	PVC pipe

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume ft^3	Component
			L	W	H	Dia.		
157		1	12	20	16		2 22	Vacuum pump
157		1	14	12	6		0 58	Galvanometer
157	36157	1	20	9	7		0 73	Microvolt meter
157		1	8	10	4		0 19	Ring force gage
157		1	17	31	52		15 86	Safe
157		1	9	8	14		0 58	SAAM
157		1	17	12	12		1 42	Shelf
157		2	24	8	72		16 00	Ladders
157		16	42			1 5	0 69	1 5d GB stands
157		1	276	2	2		0 64	Angle iron
157		1	167			1 5	0 17	GB stands
157 hall		1	36	18	84		31 50	Emergency supply cabinet
157 hall		1	24	18	84		21 00	Emergency supply cabinet
157 hall		1	30	60	10		10 42	Mail slots (crush)
157 hall		1	36	12	78		19 50	Small lockers
158 hall		6	48	24	8		32 00	Fluorescent light lights
157		1	30	18	18		5 63	Bagout port under GB 226
157		1	18	18	18		3 38	Bagout box under GB 222
157		1	36	42	42		36 75	Hydraulic box under GB 222
157		1	11	12	24		1 83	Actuator under GB 222
157		2	48	24	8		10 67	Fluorescent light
157		1	36	42	42		36 75	Hydralic manifold under GB 223
157		1	11	12	24		1 83	Actuator box
157		2	48	24	8		10 67	Fluorescent lights
157		1	30	24	30		12 50	3-step stool
157		1	0 38	0 38	144		0 01	Stainless steel pipe
157		1	0 38	0 38	1080		0 09	Copper tubing
157		1	0 5	0 5	360		0 05	Stainless steel pipe

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume ft^3	Component
			L	W	H	Dia.		
157		1	0 5	0 5	300		0 04	Copper pipe
157		1	0 75	0 75	768		0 25	Conduit
157		1	0 75	0 75	504		0 16	Iron pipe
157		1	0 75	0 75	240		0 08	Copper pipe
157		1	1	1	612		0 35	Insulated Copper pipe
157		1	1	1	648		0 38	Conduit
157		1	1	1	384		0 22	Iron pipe
157		1	1 25	1 25	3132		2 83	Insulated Copper pipe
157		1	1 25	1 25	612		0 55	Copper pipe
157		1	1 25	1 25	348		0 31	Fire line
157		1	1 25	1 25	516		0 47	Conduit
157		1	1 5	1 5	264		0 34	Iron pipe
157		1	1 5	1 5	348		0 45	Iron pipe
157		1	2	2	264		0 61	Copper pipe
157		1	2	2	480		1 11	Stainless steel pipe
157		1	2	2	348		0 81	Fire line
157		1	228			2 25	0 52	Stainless steel pipe
157		1	2 5	2 5	264		0 95	PVC pipe
157		1	2 5	2 5	240		0 87	Stainless steel pipe
157		1	3	3	168		0 88	Stainless steel pipe
157		1	4	4	348		3 22	Stainless steel pipe
157		1	5	5	348		5 03	Stainless steel pipe
157		1	14	14	348		39 47	Stainless steel pipe
157		1	16	16	348		51 56	Stainless steel pipe
157		1	20	20	348		80 56	Ducts
157		1	10	24	528		73 33	Ducts
157		1	6	6	348		7 25	Buss
157		40	48	24	8		213 33	Fluorescent lights

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume ft^3	Component
			L	W	H	Dia.		
157		1	18	36	10		3 75	Heat exchange, 16 tubes
157		1	24	14	10		1 94	Heat exchange, 2 tubes
157		1	10	20	288		33 33	Return air ducting, SS
157		1	10	24	348		48 33	Return air ducting, SS
157		1	10	24	264		36 67	Return air ducting, SS
157		3	8	6	3		0 25	J box
157		1	9	16	6		0 50	J box
157		1	8	16	5		0 37	J box
157		1	15	15	5		0 65	Fire alarm
157		1	16	20	6		1 11	Fire alarm
157		1	14	14	3		0 34	Emergency light
157		1	14	14	3		0 34	Emergency light
157		1	2	2	360		0 83	Angle iron
157		1	1 5	1 5	360		0 47	All-channel
157		1	528			1 5	0 54	Conduit, Aluminum
157		1	18	168	36		63 00	Duct
					Totals		1919 3	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
156	0001050600	1	32	20	19		7 04	Computer
156	0003189100	2	27	66	49		101 06	Bath Accessory
156	0003197000	1	19	23	7		1 77	Drive
156	0003220700	1	36	25	19		9 90	Printer
156	0003606800	1	50	24	42		35 44	System Air Conditioning
156		1	27	27	84		29 17	Rolling Cart
156		1	15	8	14		0 97	A/C J Box
156		1	23	37	26		12 80	Hard Drive
156		1	52	24	40		28 89	Pyro Chem Cart
156		1	115	5	5		1 66	Raceway
156		1	14	11	9		0 80	J Box
156		1	10	9	7		0 36	J Box
156		1	10	6	6		0 21	J Box
156		3	12	11	13		2 98	Box
156		1	26	39	7		4 11	Comp box electrical panel
156		2	12	10	6		0 83	Speaker
156		1	9	6	2		0 06	Phone
					Totals		238 1	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
160	00035379-01	2	25	32	64		59 26	CPU
160		1	62	32	37		42 48	Floor cabinet w/drawers
160		1	132	32	37		90 44	Floor cabinet w/drawers
160		1	34	60	31		36 60	Desk
160	000008855-00	1	18	24	6		1 50	CPU & keyboard
160	00042155-00	1	18	21	20		4 38	IBM monitor
160		1	50	17	73		35 91	Exhaust Cabinet Filter
160		1	19	42	88		40 64	6 steps rolling ladder
160		1	35	22	61		27 18	Industrial Heating System
160	00111091-00	1	18	18	24		4 50	SAAM/Shelve
160	00035955-00	1	90	54	52		146 25	GB 857Pb, 8gp, 24" equip port
160		1	19	20	18		3 96	GB 857, temp controller
160		1	23	23	9		2 76	GB 857, exit filter
160	00036633-00	1	18	25	26		6 77	Haskris Co Equip
160		1	57	47	26		40 31	Equipment Stand
160	00015856-00	1	32	40	34		25 19	Furnace
160	00015855-00	1	32	40	34		25 19	Furnace
160		1	24	36	1		0 50	Cork board
160	00036399-00	2	22	20	18		9 17	Vacuum pump
160	00036376-00	1	18	12	18		2 25	Pump motor
160	00036474-00	1	25	21	86		26 13	KEPCO Power Supply
160		1	96	96	96		512 00	1-10ft ladder
160		1	24	6	72		6 00	1-6ft Ladder
160		1	44	26	32		21 19	Rolling Cart
160		1	46	40	66		70 28	GB 867, Pb, ss welded, 12 gp
160	00036372-00	1	118	36	54		132 75	GB 863 Pb, 20 gp, welded SS
160		2	20			12	2 62	Furnace
160		1	10	5	7		0 20	Switch box

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
160		1	60	4	4		0 56	Electric box
160		1	115	31	54		111 41	GB 865 for furnace #2, welded to furnace #1, 22 gp, bolted lead
160		2	20			12	2 62	GB 865 Furnace
160	00036989-00	1	22	26	76		25 16	Oxygen Analyzer Equip
160	00042245-00	1	18	21	20		4 38	IBM Monitor
160		4	24	24	36		48 00	Chairs
160		2	24	24	12		8 00	Stools
160		1	22	28	68		24 24	MOUND Calorimetry Panel
160	00036774-00	1	24	24	24		8 00	MOUND Calorimetry Panel/Scanner
160	00037198-00	1	36	36	36		27 00	MOUND Calorimetry Panel/DVM #1&2 digital TT220
160	00037201-00	1	28	25	36		14 58	Digital Decwriter III
160		1	53	38	48		55 94	GB 866, Pb, welded ss, 13 gp
160	00036615-00	1	100	28	84		136 11	GB 860, ss watershield cans
160		1	27	23	21		7 55	Stand
160		1	35	22	61		27 18	Water chiller/heater
160		1	17	12	17		2 01	Furnace
160		1	22	25	50		15 91	Strip chart eletric panel
160	00111087-01	2	24	24	24		16 00	SAAM/Bracket
160		1	24	30	11		4 58	Field terminal Box
160	00036979-00	1	36	24	11		5 50	Field terminal Box
160		1	132	36	44		121 00	GB 859
160	00036597-00	1	70	26	78		82 15	Panel Control for Gloves
160	00036284-00	1	74	39	36		60 13	GB 9858
160		1	19	10	10		1 10	GB 9858, filter
160		1	228			3	0 93	GB 9858, PVC pipe assy
160	36915	1	28	21	12		4 08	GB 9858, electro refining power supply
160	00036370-00	1	20	13	16		2 41	GB 9858, hygrounds Welch pump
160	00036163-00	1	17	17	20		3 34	GB 9858, furnace

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
160	00036311-00	1	28	22	41		14 62	Laboratory Press
160		1	98	48	37		100 72	GB-859 10gp w/g Pb epoxied, ss welded
160		1	32			8	0 93	GB-862, crit drain std
160		1	18			12	1 18	GB-867, crit drain nonuniform
160		2	15	36	47		29 38	Wall Cabinet,glass/steel doors
160		3	36	11	30		20 63	Wall Cabinet, glass doors
160		2	18	24	6		3 00	Sm flour
160		1	29	16	16		4 30	Top 866, temperature controller
160		1	36			16	4 19	Under 866,Calorimeter
160		1	32			8	0 93	866, crit drain std
160		1	36			5	0 41	Steel pipe, under GB859
160		1	18	26	11		2 98	Flow controller, under GB 859
160	79610	1	19	19	6		1 25	M balance stand, under GB 859
160		1	30	30	24		12 50	Airlock, under GB 859
160		1	564			3	2 31	SS pipe stand, under GB 859
160		1	7	11	11		0 49	879/862 box, under GB 859
160	34359	1	19	36	26		10 29	Temp pressure box, under GB862
160		1	14	6	4		0 19	Conv switches, under GB862
160		1	96			1	0 04	Copper tubing
160		1	360			1 5	0 37	SS Swagelok with fittings
160		1	192			0 5	0 02	Copper tubing
160		1	24	20	27		7 50	GB connector 863-866 welded ss
160		1	384	19	34		143 56	Conveyor
160		1	288			4	2 09	Conveyor chain full length of 862/863
160		1	53	24	24		17 67	Conveyor downpiece
160		1	4	4	40		0 37	Post
160		1	30	168	54		157 50	GB 862, welded ss, Pb epoxied, 24 gp
160		1	17	26	24		6 14	Vacuum press regulator

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
160		4	12			6	0 79	4 cartridge filters, under GB 864
160		1	24	18	4		1 00	Angle iron step
160		1	21	18	31		6 78	Transformer
160		1	32			8	0 93	GB 864, cnt drain
160		1	40	30	36		25 00	GB 864, epoxy Pb, ss welded, piece 1, 3 gp w/g, 1 open
160		1	54	28	82		71 75	GB 864, epoxy Pb, ss welded, piece 2, 7 gp open
160		1	216			1	0 10	copper
160		1	432			0 5	0 05	copper tubing, epoxy Pb, ss welded
160		1	60	54	86		161 25	GB 864 furnace assy
160		1	45	24	25		15 63	GB 864 vacuum pump
160		1	26	16	26		6 26	Power supply, under GB 864
160		1	384	3	2		1 33	GB stand hollow steel
160		1	3	7	10		0 12	Alpha monitor
160		1	17	26	24		6 14	Watercooler
160		1	48	24	8		5 33	Large fluorescent light
160		1	6	12	9		0 38	Power box
160		1	20	13	16		2 41	Vacuum pump
160		1	36	20	34		14 17	Heavy, solid rolling cart
160		1	36	25	31		16 15	Heavy, solid rolling cart
160		1	47	24	32		20 89	Orange, heavy, solid rolling chart
160		1	19	13	7		1 00	Electric box
160	26316	1	17	4	19		0 75	HP rollmeter
160	36059	1	24	41	26		14 81	O2 analyzer
160		1	24	6	30		2 50	Spill kit, std
160		1	24	18	78		19 50	White cabinet
160		1	21	28	21		7 15	Furnace
160		3	26	22	84		83 42	Strip chart elect panel (tv monitor, control panel)
160	36402	2	36	4	2		0 33	Control panel

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
160	36403	1	24	22	79		24 14	Blue elect panel
160		1	24	24	80		26 67	Blue elect panel
160		2	8	19	1		0 18	Keyboards, std
160	35379-01	1	14	14	14		1 59	Monitor
160	37217	1	10	16	16		1 48	Labtop scrubber
160		1	8	10	4		0 19	Mettler balance
160	36374	1	14	14	6		0 68	Mettler balance
160		1	48	48	42		56 00	Pallet lead shields for gp VR-crush
160		1	24	18	32		8 00	3 step stool
160		1	28	34	4		2 20	ss pulldown shelf
160		1	24	36	31		15 50	Marble balance table
160	36955	1	48	36	51		51 00	Load lifter
160		1	48	24	29		19 33	Blue transfer cart
160		1	8	8	12		0 44	Bullhorn speaker, std
160		1	27	43	10		6 72	Induction furnace power box
160		2	36			10	3 27	Fire extinguisher
160		4	15	15	5		2 60	Fire box
160		4	20	16	6		4 44	Fire box
160		3	6	8	4		0 33	Fire box
160		1	15	20	6		1 04	Switch box
160		3	36	30	12		22 50	Cabinet
160		2	47	36	16		31 33	Cabinet
160		2	50	73	16		67 59	2 door bottle cabinet
160		4	48	24	8		21 33	Negative power lights
160		1	22	6	10		0 76	Phone box
160		1	15	6	10		0 52	Phone box
160		1	6	6	6		0 13	Box
160		1	27	42	8		5 25	Power supply

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
160		1	10	12	9		0 63	Junction
160		1	12	12	6		0 50	Junction
160		1	12	12	6		0 50	Junction
160		1	20	15	6		1 04	Box
160		2	36			10	3 27	Fire extinguisher
160		1	240			0 38	0 02	GB 865, SS tubing, swagelock
160		1	240			0 75	0 06	GB 865, copper pipe
160		1	120			1	0 05	GB 865, steel pipe
160		1	180			1	0 08	GB 865, copper tube
160		1	60			0 38	0 00	GB 865, steel pipe
160		1	192			0 25	0 01	GB 865, SS tubing
160		2	18	24	6		3 00	2 bulb - fluorescent light
160		5	636			0 38	0 21	Copper pipe
160		2	288			0 38	0 04	Copper pipe
160		4	288			0 5	0 13	Copper pipe
160			636			0 5	0 00	Copper pipe
160		4	288			0 75	0 29	Iron pipe
160		2	636			0 75	0 33	Iron pipe
160		8	288			0 75	0 59	Conduit
160		4	636			0 75	0 65	Conduit
160		15	288			1	1 96	Conduit
160		14	636			1	4 05	Conduit
160		5	288			1	0 65	Copper pipe
160		2	636			1	0 58	Copper pipe
160		3	288			1	0 39	Insulated Copper pipe
160		4	636			1	1 16	Insulated Copper pipe
160		6	288			1	0 79	Iron pipe
160		1	636			1	0 29	Iron pipe

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
160		1	636			1	0 29	Stainless steel pipe
160		7	288			1 25	1 43	Insulated Copper pipe
160		9	288			1 25	1 84	Conduit
160		7	636			1 25	3 16	Conduit
160		2	288			1 25	0 41	Iron pipe
160		2	636			1 25	0 90	Stainless steel pipe
160		1	636			1 25	0 45	Fire pipe
160		1	288			1 5	0 29	Conduit
160		1	636			1 5	0 65	Conduit
160		1	288			1 5	0 29	Fire pipe
160		2	636			1 5	1 30	Stainless steel pipe
160		1	636			1 5	0 65	Iron pipe
160		1	288			2	0 52	Iron pipe
160		1	636			2	1 16	Iron pipe
160		1	636			2	1 16	Stainless steel pipe
160		1	288			2 5	0 82	Conduit
160		1	636			2 5	1 81	Conduit
160		1	1368			2 5	3 89	Stainless steel pipe
160		1	288			3	1 18	Fire pipe
160		1	636			3	2 60	Stainless steel pipe
160		1	636			3 5	3 54	Stainless steel pipe
160		1	1608			4	11 69	Stainless steel pipe
160		1	972			5	11 04	Stainless steel pipe
160		1	528			7	11 76	Stainless steel pipe
160		1	120			9	4 42	Stainless steel pipe
160		1	168			9	6 19	Stainless steel pipe
160		1	144			12	9 42	Stainless steel pipe
160		1	180			14	16 04	Stainless steel pipe

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
160		1	2016			16	234 57	Stainless steel pipe
160		2	636	2	6		8 83	Waste
160		11	48	12	8		29 33	Fluorescent lights
160		14	48	24	8		74 67	Fluorescent lights
160		1	96	12	8		5 33	Fluorescent lights
160		1	1212	14	24		235 67	Duct work
160		1	1392	10	24		193 33	Duct work
160		1	384	16	24		85 33	Duct work
160		1	780	20	24		216 67	Duct work
160		1	32			8	0 93	GB 863, crit drain
160		1	32			8	0 93	GB 865, crit drain
					Totals		4808 7	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
140	3580400	1	9	7	16		0 58	Microscope
140	3602700	1	11	8	6		0 31	Gauge (Ultrasonic)
140	3674700	1	16	24	15		3 33	Polisher Grinder
140		1	3			14	0 27	Clock
140		1	9	6	14		0 44	Disc Box BD2D2/2D4
140		1	240	24	40		133 33	CCS 3728
140		2	12	15	18		3 75	Metal Drawer
140	00037080-00	1	23	13	9		1 56	Blue Steel Machine
140	00037081-00	1	23	13	9		1 56	Blue Steel Machine
140		2	7	6	10		0 49	Power Supplies
140	00036667-00	1	15	13	12		1 35	Electro Polisher
140		1	18	12	12		1 50	Electro Polisher Power Supply
140		2	36	30	12		15 00	Wall Cabinet
140		1	17			8	0 49	5 gal Sump
140		1	12	12	12		1 00	Safety Shower w/Eye Wash
140	00035906-00	1	26	21	44		13 90	NUMEC Vacuum Etcher
140		1	10	19	18		1 98	Motor/Pump Housing For Vacuum Etcher
140	00035825-00	1	144	29	43		103 92	Workbench w/cabinet
140	00036219-00	1	23	17	19		4 30	LECO PR-22 Pneumatic Press
140		1	12	12	12		1 00	Large Glass Crock
140		1	8	16	9		0 67	4" Wilton Vise
140		1	12	12	15		1 25	Garbage Disposal
140	00035826-00	1	36	36	36		27 00	Lab Hood Marked Beryllium
140	00029153-00	1	19	12	26		3 43	LECO Belt Grinder GB20
140	00035827-00	1	36	48	36		36 00	Lab Hood
140		1	18	12	12		1 50	Process Waste Container White
140		1	24	18	18		4 50	Vacuum Pump Belon Hood
140		1	18			12	1 18	Process Waste Container Black

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
140		1	36	12	12		3 00	Lab Machine
140	00036042-00	1	31	34	48		29 28	LE Cutoff Saw In Cabinet On cut off machine
140		2	30	96	36		120 00	Free Standing w/cabinets Bench
140		1	6	6	12		0 25	Bausch & Lomb Light
140		1	9	9	24		1 13	Pump
140		1	33			26	10 14	Metal Container Cone Top
140		1	24	24	18		6 00	Steel Waste Container w/Lid
140	00036164-00	1	10	14	10		0 81	Electrical Instrument
140		1	232			2	0 42	Pipe stands
140		1	96	10	13		7 22	Shelf on free standing bench
140		1	47	12	30		9 79	Wall cabinet
140		1	72	12	30		15 00	Wall cabinet
140		1	324			0 38	0 02	Copper tubing
140		1	324			0 5	0 04	Copper pipe
140		1	408			0 75	0 10	Conduit
140		1	732			0 75	0 19	Iron pipe
140		1	2532			1	1 15	Conduit
140		1	240			1 25	0 17	Fire pipe
140		1	228			1 25	0 16	Conduit
140		1	204			1 5	0 21	Conduit
140		1	324			1 5	0 33	PVC pipe
140		1	408			2	0 74	Fire pipe
140		1	324			2	0 59	PVC pipe
140		1	204			2 5	0 58	Iron pipe
					Totals		572 9	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
140A	00036857-00	1	36	43	46		41 21	Metallograph
140A		1	32	18	30		10 00	Cabinet 4 Drawer
140A		1	11	18	6		0 69	Box Wood
140A		3	36	12	30		22 50	Wall cabinet
140A		1	14	10	20		1 62	Magnehelic
140A		1	12	12	12		1 00	Black Lite Fixture
140A		1	17	17	20		3 34	Cabinet 6 Drawer
140A		1	16	12	16		1 78	Negative Viewer
140A		1	32	12	14		3 11	Photographic Microscope
140A		1	16			16	1 86	Barrel Cardboard
140A		1	5	8	13		0 30	Magnifier Stand
140A		1	112	34	44		96 96	Cabinet Built in w/Countertop
140A		1	36	36	36		27 00	Stool w/Back
140A	00036422-00	1	12	9	12		0 75	Adherence Tester
					Totals		212 1	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
140B		1	48	30	28		23 33	Desk 4 Drawers
140B		1	13	6	9		0 41	24 Drawer Organizer
140B		2	33	14	16		8 56	Metal Book Shelf
140B		1	6	12	12		0 50	Framed Award
140B		2	24	24	36		24 00	Desk Chairs
140B		1	25	10	32		4 63	Humidifier ID# 779-3855-59135
140B		1	40	36	34		28 33	Computer Main Frame ID# 779-3391-12-52264
140B		1	20	20	18		4 17	Computer Main Frame ID# 779-3391-12-52264/Contents
140B		1	6	12	12		0 50	Computer Main Frame ID# 779-3391-12-52264/Contents
140B		1	28	26	50		21 06	Photo Enhancer By Bencher M2
140B		1	6	6	27		0 56	Photo Enlarger By Polaroid
140B		1	20	12	8		1 11	Film Copier By Rembrandt
140B		1	10	8	5		0 23	Strobonar 2 oz By Honeywell
140B		1	36	24	36		18 00	Table w/Lower Shelf
140B		2	22	21	1		0 53	Metal Panels
140B		1	21	9	17		1 86	Tool Box
140B		1	12	9	5		0 31	Transformer Box
140B		1	8	8	8		0 30	ADJ Lite Plugged Into Plug Bar
					Totals		138 4	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
141		1	26	37	31		17 26	Table
141		1	6	11	10		0 38	Video Caliper
141	00036539-00	1	24	14	31		6 03	Tukon Microhardness Tester
141		1	12	6	5		0 21	Wilson Printer
141		1	13	10	9		0 68	Video Monitor
141		1	6	14	3		0 15	Box Calibration Weights
141		1	22	32	32		13 04	Table 2
141	00036739-00	1	9	8	4		0 17	Digital Thickness Monitor
141		1	6	5	8		0 14	Variac
141		2	13	29	36		15 71	Wall Mounted Bookcase
141		1	36			10	1 64	Fire Extinguisher ID# 1092
141		1	13	27	37		7 52	Cabinet (20 Drawers)
141		1	27	13	52		10 56	Cabinet (8 Drawers)
141		1	8	12	6		0 33	Weights
141		1	28	18	58		16 92	File Cabinet
141		2	28	18	56		32 67	Safe
141		1	28	24	30		11 67	Computer Table 1
141		1	24	84	30		35 00	Computer Table 2
141		1	18	24	12		3 00	Computer Table 2/Contents
141		1	24	18	9		2 25	Computer Table 2/Contents
141		1	18	18	12		2 25	Computer Table 2/Contents
141		1	18	24	6		1 50	Computer Table 2/Contents
141	00036242-00	1	9	9	3		0 14	Computer Table 2/Contents
141		1	12	12	12		1 00	Printer and Paper Tray
141		3	33	33	15		28 36	Wall Mounted Bookcase
141		2	13	36	42		22 75	Book Case 1
141		1	12	8	8		0 44	Bakeout Controller
141	00036893-00	1	32	45	68		56 67	Esca SSX-100 Spectrometer

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
141		1	32	23	72		30 67	Instrument Cabinet
141		1	36	48	1		1 00	Blackboard
141		4	18	2	1		0 08	Pictures
141		1	12	18	6		0 75	Telephone
141		2	18	18	36		13 50	Chairs
141		1	24	24	48		16 00	Stool
141		1	20	8	8		0 74	Tool box
141		1	384			0 75	0 10	Iron pipe
141		1	192			0 75	0 05	Conduit
141		1	384			0 75	0 10	Copper pipe
141		1	960			1	0 44	Conduit
141		16	48	24	8		85 33	4 bulbs - Fluorescent light
141		1	2	3	1020		3 54	Buss
141		1	8	14	120		7 78	Return air
141		2	14	14	600		136 11	Supply air
141		1	300			1	0 14	Copper
141		1	324			1 25	0 23	Fire
141		1	108			1	0 05	Conduit
					Totals		585 0	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
141A		1	37	29	30		18 63	Storage Cabinet
141A		1	26	17	9		2 30	HP Plotter
141A		2	10	8	14		1 30	Wall mounted Disconnect Switches
141A		2	33	13	16		7 94	Wall Mounted Book Shelf
141A	00036060-02	1	12	12	10		0 83	ORTEC Digitizer Current
141A	00036237-00	1	36	36	72		54 00	Microprobe
141A	00036222-00	1	6	12	12		0 50	Spectrometer
141A		1	24	24	36		12 00	Chairs
141A		1	3	7	9		0 11	MicroScan
141A	00036220-00	1	43	27	52		34 94	CAMEBAX Equip /5440 Oscilloscope Dual Trace
141A		3	12	7	21		3 06	Pump/Motor
141A		1	24	24	24		8 00	Freon Equip
141A		1	48	48	24		32 00	Wood Box
141A		1	32	23	67		28 54	AC Unit (1D-1)
141A	00036755-00	1	30	30	44		22 92	Computer Desk
141A		1	46	48	48		61 33	Keyboard and Tracer Monitor
141A		2	4	8	9		0 33	Disconnect Switches
141A	0003578622	1	31	24	79		34 01	Power Supply Modular Cha
141A	0003623701	1	24	21	10		2 92	Amplifier Video Viewing
141A		1	30	30	30		15 63	SS Filter
141A		1	168			6	2 75	Exhaust
141A		1	96			8	2 79	Exhaust
141A		1	600			112	3420 85	SS retrun air
141A		1	480			4	3 49	SS
141A		1	264			2 5	0 75	SS
141A		2	6	12	228		19 00	Duct
141A		1	12	24	480		80 00	Duct

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
141A		1	3	2	360		1 25	Buss
141A		1	480			0 75	0 12	SS
141A		1	480			0 75	0 12	Copper
141A		1	480			0 75	0 12	Copper, insulated
141A		1	480			0 5	0 05	Copper
141A		1	480			0 75	0 12	Copper
141A		1	480			1 25	0 34	Copper, insulated
141A		1	480			1 25	0 34	Copper, insulated
141A		1	480			0 75	0 12	Iron pipe
141A		2	48	24	8		10 67	4 bulb - fluorescent light
141A		3	96	16	8		21 33	3 bulb - fluorescent light
141A		3	48	24	8		16 00	3 bulb - fluorescent light
141A		1	204			6	3 34	Buss
141A		1	6	12	240		10 00	Duct
141A		1	8	16	144		10 67	Duct
141A		1	10	24	75		10 42	Duct
141A		1	480			1	0 22	Stainless steel
141A		1	480			2	0 87	IP
141A		1	480			0 75	0 12	Stainless steel
141A		1	480			0 75	0 12	IP
141A		1	480			1 5	0 49	Conduit
141A		1	480			1	0 22	Conduit
141A		1	480			1	0 22	Conduit
141A		1	480			1 25	0 34	Conduit
141A		1	480			1 5	0 49	Copper
141A		1	480			0 5	0 05	Copper
141A		1	480			1 25	0 34	Copper insulated

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
141A		1	480			0 75	0 12	Stainless steel
141A		1	480			1	0 22	Conduit
					Totals		3959 8	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
141B		1	68	20	31		24 40	Desk w/ Storage Cabinet
141B		1	16	6	6		0 33	Tool Box
141B		1	28	25	62		25 12	General Electric Refrigerator ID# 3065
141B		1	4	10	5		0 12	General Electric Refrigerator/Contents
141B		2	24	24	36		24 00	Chairs
141B		4	33	13	15		14 90	Wall mounted Book Shelves
141B	00036292-01	1	36	10	27		5 63	Rotary Pump
141B		1	6	12	9		0 38	Power Supply
141B		1	12	12	12		1 00	Metal Box
141B	00036288-00	1	30	44	68		51 94	Tracor X-Ray Machine
141B	00036292-00	1	24	36	55		27 50	Scanning Microscope Equip
141B	00036288-00	1	24	32	70		31 11	Data System Rack
141B		1	12	8	14		0 78	Emergency Light w/ Battery Pack
141B		2	13	7	9		0 95	Disconnect Switches wall mounted
141B		1	20	10	16		1 85	Tool box
141B		1	30	34	38		22 43	Computer and stand
					Totals		232 4	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
141C		1	28	72	36		42 00	Desk
141C		1	9	9	19		0 89	Power Supply
141C		1	12	12	12		1 00	Desk/Contents
141C		1	28	55	66		58 82	Research II Metallograph
141C	00036632-00	1	12	16	4		0 44	Brief Case
141C		1	9	6	5		0 16	Fiber Optics Illuminator
141C		1	54			6	0 88	Tri-pod
141C		1	47	12	30		9 79	Cabinet wall
141C		1	24	12	30		5 00	Cabinet wall
141C		1	10	12	20		1 39	Microscope
141C		1	23	30	64		25 56	Photo enlarger
					Totals		145 9	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
137		1	396			2	0 72	GB stands
137		1	2	2	1104		2 56	GB stands
137		1	10	3	7		0 12	GB 106-4 alpha monitor
137		1	36	28	36		21 00	GB 106 cabinet 3
137		2	96			4	1 40	GB 106 ss box
137		1	20			18	2 95	GB 106-3 bagout port
137		1	46	32	36		30 67	GB 106-3
137		1	10	7	17		0 69	GB-106-3 vacuum pump
137		2	12	21	18		5 25	GB-106-3 vacuum pumps
137		2	36			10	3 27	GB-106-3 crit drains
137		1	46	32	36		30 67	GB-106-4
137	00035843-00	1	46	32	36		30 67	Hood 106-2
137		1	18	18	18		3 38	106-2 Bagout box
137		1	32			8	0 93	106-2 crit drain
137		1	18	48	6		3 00	106-2 large fluorescent
137		1	18	36	6		2 25	106-2 small fluorescent
137		1	32			8	0 93	106-5 crit drains
137		1	1008			2	1 83	GB stands
137	00035841-00	1	46	33	36		31 63	Hood 106-5
137		1	18	13	23		3 11	Hood 106-5/Contents
137		1	13	6	8		0 36	Hood 106-5/Contents
137		1	46	33	36		31 63	106-5 bagout port
137		1	9			21	1 80	106-5 piping
137		1	7	10	10		0 41	GB filter box
137	00036061-00	1	47	33	37		33 21	B-box 107
137		1	14	10	10		0 81	B-box 107 alpha monitor
137		1	144			3	0 59	GB Pipe stand
137		1	2	2	252		0 58	Channel

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
137		1	24	24	30		10 00	Supply drawers
137		2	24			6	0 79	Fire extinguisher CCS# 1093
137		1	96	36	42		84 00	Lab Cabinet w/Sink
137	00036772-00	1	24	19	19		5 01	UV spec
137		1	8	11	14		0 71	Mettler AE 160
137		1	10	8	14		0 65	Mettler P1200 Equip
137		1	16	7	6		0 39	Manual sliding balance
137	00036930-00	1	9	10	3		0 16	Omega
137		1	24	12	12		2 00	Safety Shower & Eye Wash
137		1	24	24	48		16 00	Spill Kit On Floor
137		1	30	36	12		7 50	Storage Cabinet
137		1	30	36	12		7 50	Storage Cabinet
137		1	30	36	12		7 50	Storage Cabinet
137	00036767-00	1	18	34	14		4 96	Series 80 Multichannel Analyzer
137		1	9	12	7		0 44	Temperature regulator
137		1	24	14	36		7 00	Flashpot digester
137		1	12	6	14		0 58	Cork press
137		1	30	47	12		9 79	Storage Cabinet CCS# 0000003080
137		8	12	12	12		8 00	Filter boxes
137		2	30	30	30		31 25	Filter boxes
137		1	24	12	10		1 67	Tool box
137		2	36	13	13		7 04	Stackable shelves
137		2	47	30	45		73 44	Cabinet/work table
137		4	36			4	1 05	Lead aprons
137		1	30	24	12		5 00	Cabinet
137		1	36	18	74		27 75	Standard cabinet
137		1	24	24	30		10 00	Misc cabinet
137		1	96	45	30		75 00	Work bench

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
137		2	47	36	30		58 75	Cabinet under hood
137		2	34	47	48		88 78	Hood
137		1	48	16	8		3 56	Fluorescent light - 3 bulbs
137		6	18	96	6		36 00	Fluorescent light - 2 bulbs
137		1	18	24	6		1 50	Fluorescent light - 2 bulbs
137		1	24	12	10		1 67	Tool kit
137		1	35	35	35		24 81	Work Table
137		1	24	45	30		18 75	Cabinet
137		1	45	30	48		37 50	Work Table
137		1	22	32	32		13 04	Table
137		1	24	24	36		12 00	Chair
137	Hallway 3-7	1	36	30	11		6 88	J-box
137		1	30	12	36		7 50	J-box
137		1	1 5	1 5	178		0 23	Channel
137		1	3	3	156		0 81	3" fire
137		1	1	1	1092		0 63	1" Conduit
137		1	2 5	2 5	156		0 56	2 5 fire
137		1	4	4	156		1 44	4"Conduit
137		1	2 5	2 5	312		1 13	Iron pipe
137		1	1 5	1 5	468		0 61	Iron pipe
137		1	0 375	0 375	912		0 07	Copper tubing
137		1	0 75	0 75	156		0 05	3/4" Conduit
137		1	1 5	1 5	178		0 23	1 5" Conduit
137		1	1 25	1 25	312		0 28	1 25" Conduit
137		1	2	2	312		0 72	Natural gas lines
137		1	2 5	2 5	768		2 78	SS pipe
137		1	3	3	156		0 81	Iron pipe
137		1	1 25	1 25	468		0 42	Insulated Copper tubing

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume ft3	Component
			L	W	H	Dia.		
137		1	1 25	1 25	156		0 14	Copper pipe
137		1	2	2	156		0 36	Fire pipe
137		1	4	4	156		1 44	SS
137		1	4	4	456		4 22	Iron pipe
137		1	0 75	0 75	1680		0 55	Iron pipe
137		1	1 25	1 25	156		0 14	SS pipe
137		1	5	5	912		13 19	SS
137		1	14	24	144		28 00	Duct
137		1	9	14	360		26 25	Duct
137		1	10	20	156		18 06	Duct
137		1	6	2	156		1 08	Electrical case
137		1	0 75	0 75	456		0 15	Copper pipe
137		1	1 5	1 5	178		0 23	SS
137		1	3	3	456		2 38	SS
137		1	0 75	0 75	1368		0 45	Iron pipe
137		1	1 25	1 25	456		0 41	SS
137		1	1	1	912		0 53	Conduit
137		1	1 5	1 5	456		0 59	Conduit
137		1	156			1 25	0 11	Conduit
137		1	612			0 75	0 16	SS pipe
137		1	216	2	2		0 50	Buss
137		1	72			1 5	0 07	Copper pipe
137		1	108			0 5	0 01	Copper pipe
137		1	144			2 5	0 41	SS pipe
137		1	24	18	36		9 00	Sink and sump
137		1	8	6	12		0 33	Power box
					Totals		1081 9	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
133		1	2	4	192		0 89	GB stand
133		1	1 5	1 5	144		0 19	GB stand
133	00036465-00	1	74	40	49		83 94	Glovebox 953
133		1	38			4	0 28	GB-953 Crit Drain
133		1	12	18	24		3 00	GB-953 box
133	00035848-00	1	90	60	58		181 25	Glovebox 954
133		1	38			4	0 28	GB-954 Crit Drain
133		1	2	10	6		0 07	GB-954 alpha alarm
133		1	41	22	29		15 14	GB954 vacuum pump
133		1	216			2	0 39	GB954 piping
133		1	24			8	0 70	GB954 drain filter
133		1	36			3	0 15	Gb954 piping
133	00035849-00	1	108	40	58		145 00	Glovebox 955
133	00036195-00	1	42	36	24		21 00	Glovebox 955/Contents
133		1	34	33	36		23 38	GB955 blue temp controller
133		1	96			6	1 57	Gb956 piping
133	00035851-00	1	108	40	58		145 00	Glovebox 956
133		3	22			12	4 32	GB956 drain catches
133		2	12	16	22		4 89	Gb956 Bagout port bottom
133		1	20	14	10		1 62	GB956 Vacuum pump
133		1	132			2	0 24	GB956 piping
133		1	12	12	14		1 17	GB956 external vent
133		2	228			2	0 83	GB 954/5/6 cool water drain
133		1	228			1	0 10	GB 954/5/6 conduit
133		2	228			0 5	0 05	GB 954/5/6 tubing
133		3	228			0 5	0 08	GB 954/5/6 air line
133		1	4	4	228		2 11	GB 954/5/6 electrical chase
133		3	7	4	9		0 44	GB 954/5/6 vacuum pump electrical box

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
133		1	22	30	3		1 15	GB 954/5/6 water level control box
133	00035653-00	1	90	60	58		181 25	Glovebox 957
133		1	10	16	20		1 85	GB-957 vacuum pump
133		1	70	26	25		26 33	GB958 Airlock
133	00036462-00	1	60	55	56		106 94	Glovebox 959
133		1	96	40	44		97 78	GB 958
133		1	14	24	16		3 11	GB959 vacuum pump
133		1	20	8	12		1 11	GB959 alpha alarm
133		1	22			12	1 44	GB-959 Crit Drain
133		1	2	4	1932		8 94	GB stand
133		1	1 5	1 5	192		0 25	GB stand
133		1	24	24	24		8 00	EyeWash/Safety Shower
133		3	18	24	6		4 50	Fire Alarm boxes
133		2	18	18	6		2 25	Fire Alarm boxes
133		1	12	12	24		2 00	Fire Extinguisher 779-21 & A03080
133		1	24			6	0 39	Fire Extinguisher ID #1095
133		1	15	15	6		0 78	Pressure Control box
133		1	27	41	18		11 53	Roll-Around Tool box
133		1	26	19	12		3 43	Roll-Around Tool box
133		2	24	24	36		24 00	3 Step Rolling stool
133	0000003732	1	36	18	74		27 75	Supply Cabinet
133		1	18	15	15		2 34	Transformer
133	000000373400	1	36	30	16		10 00	Wall mounted Cabinet
133	000000373500	1	36	30	16		10 00	Wall mounted cabinet
133		1	36	30	16		10 00	Wall mounted cabinet
133		1	108	44	30		82 50	Work Bench w/Drawers CCS# 3738
133		2	14	21	4		1 36	J-box
133		2	23	33	82		72 03	Power supplies

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
133		1	22	24	23		7 03	Power supplies
133		1	22	17	79		17 10	Power supplies
133		1	42	24	27		15 75	J-box
133		2	15	15	5		1 30	J-box
133		2	20	16	7		2 59	J-box
133		1	456			2	0 83	Conduit
133		2	456			1 25	0 65	Conduit
133		4	456			0 75	0 47	Conduit
133		4	456			1	0 83	Conduit
133		1	1176			0 75	0 30	IP
133		1	696			0 5	0 08	IP
133		1	456			1 5	0 47	Fire line
133		1	756			4	5 50	Fire line
133		1	2520			1 5	2 58	SS pipe
133		1	34	33	36		23 38	GB 954 water control box
133		1	264			1	0 12	GB hollow green rod
133		4	48			3	0 79	Gb 959 piping
133		7	480			2	6 11	Conduit
133		1	240			1 25	0 17	Iron pipe
133		1	240			2	0 44	Iron pipe
133		1	960			12	62 83	Copper pipe
133		1	480			0 75	0 12	SS pipe
133		1	960			2 5	2 73	SS pipe
133		1	480			1 25	0 34	SS pipe
133		1	960			4	6 98	SS pipe
133		1	480			2	0 87	Steel pipe
133		1	26	15	5		1 13	J box
133		1	1200			1 25	0 85	Conduit

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
133		1	1680			0 75	0 43	Conduit
133		1	240			2	0 44	Conduit
133		1	3120			1	1 42	Conduit
133		1	10	240	24		33 33	Duct
133		1	16	240	24		53 33	Duct
133		1	10	456	20		52 78	Duct
133		1	12	132	26		23 83	Air duct drop
133		1	912			0 125	0 01	SS pipe
133		1	456			5	5 18	SS pipe
133		1	3	456	3		2 38	Wire connector
133		1	912			3	3 73	SS pipe
133		1	240			1	0 11	Copper pipe
133		1	240			0 375	0 02	Copper pipe
133		1	720			1 25	0 51	Copper pipe
133		1	480			3	1 96	Fire line
133		1	240			3	0 98	Conduit
133		1	240			4	1 75	Conduit
133		1	240			1 25	0 17	SS pipe
133		8	36			4	2 09	Apron
					Totals		1687 8	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
131		1	24	24	24		8 00	Trays
131	0003692400	1	18	16	12		2 00	Printer
131	0003693700	1	84	12	12		7 00	Balance
131		1	12	12	84		7 00	Shower & Eye Wash
131		1	36	24	24		12 00	Rolling Cart
131		1	48	48	48		64 00	Tool Box
131		1	48	48	48		64 00	Drum Ring (9)
131		1	24	24	24		8 00	Battery Cabinet
131		1	24	18	6		1 50	Auto Term
131		1	18	18	4		0 75	J-Box
131		1	24	18	18		4 50	Metal Step
131		1	30	40	46		31 94	GB131A
131		1	30	40	46		31 94	GB131B
131	0002321800	1	30	40	46		31 94	B-Box131-C
131		1	30	40	48		33 33	GB131D
131		1	30	40	48		33 33	GB131E
131		1	12	12	12		1 00	Gloves & Bags
131		1	132	48	48		176 00	Bench w/Storage Drawers CCS# 0000003747
131		1	12	12	24		2 00	Storage Tool Box
131		1	18	8	3		0 25	Mettler PM 4600
131		1	24	12	18		3 00	Tool Box
131		1	6			4	0 04	Canister 2 1/2 Gallon
131		1	36	48	16		16 00	Storage Cabinet CCS# 0000003743
131		1	36	48	16		16 00	Storage Cabinet CCS# 0000003744
131		1	36	48	16		16 00	Storage Cabinet CCS# 0000003745
131		1	24			6	0 39	Fire Extinguisher 1096
131		1	18	18	12		2 25	SAAM & Shell 00111041
131		1	18	48	78		39 00	Storage Cabinet CCS# 0000003741
131		2					0 00	55 Gallon Drum

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
131		1	24	36	18		9 00	Equipment Stand
131	00034308-00	1	24	36	36		18 00	Equipment Stand/Contents
131		1	18	24	36		9 00	Cabinet
131		1	18	18	42		7 88	Chair
131		1	24	30	30		12 50	Metal Table
131	00036286-00	1	18	9	18		1 69	Metal Table/Contents
131	00036943-00	1	18	6	18		1 13	Metal Table/Contents
131		1	18	5	24		1 25	Step Ladder
131	00036609-00	1	24	30	30		12 50	Step Rolling Stand
131		1	51	56	76		125 61	GB-961
131		1	18	9	24		2 25	Fisher Programmable Controller
131		1	18			12	1 18	Marshall Furnace
131		1	24	24	24		8 00	Tools, Misc Weights Containers
131		1	12	18	18		2 25	Can Sleeves
131		1	36	36	60		45 00	B-Box9511
131		1	24			12	1 57	Furnace
131		1	24	24	18		6 00	Furnace
131		1	24	36	42		21 00	Lab Sink
131		1	24	36	6		3 00	Beaker Rack
131		1	24	24	24		8 00	Beaker
131		1	12	12	12		1 00	Lead Arrow
131		1	24	24	24		8 00	Eye Wash/Shower
131		1	36			24	9 42	Vacuum Cleaner
131		1	18	36	78		29 25	Supply Cabinet
131		1	24	24	30		10 00	Scrub Water Reservoir
131		1	24	72	36		36 00	Emergency Light/Shelf
131		1	72	36	36		54 00	Oven P O Number 34038
131		1					0 00	Vault
131		1	36	36	24		18 00	Sink w/Cabinet 3739

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
131		1	72	36	16		24 00	Steel Storage Cabinet CCS# 3740
131		1	96	48	24		64 00	Hood Cabinet 3746
					Totals		1163 64	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
139	00036821-00	1	5	15	13		0 56	Belon Hood Braun-Sonic
139		1	48	48	34		45 33	Chemical Hood
139		1	48	35	30		29 17	Cabinet #9
139	00026410-00	1	36	28	34		19 83	GB-139-3
139		1	36	28	34		19 83	GB 139-2
139	00035798-00	1	46	26	36		24 92	Glovebox Hood 139-1
139		1	144			2	0 26	GB stand
139		1	38	11	6		1 45	GB Lights
139		3	216			2	1 18	GB stand
139		3	25	11	6		2 86	Gb lights
139		2	14	6	15		1 46	GB header
139		1	24	36	35		17 50	GB Jackup table
139		1	48	26	36		26 00	Hood 139-2
139		1	36	28	34		19 83	Hood 139-4
139		1	96	27	32		48 00	Bench CCS# 0000003715
139		1	36	12	36		9 00	Cabinet #2 0000003099
139		3	36	36	12		27 00	Cabinet #5 0000003101
139		1	36	36	12		9 00	Cabinet 1
139		1	39	25	25		14 11	Cabinet 11
139	00032374-00	1	19	7	14		1 08	Canberra Quad Alpha Spectrometer
139	00036717-00	1	14	15	18		2 19	Centrifuge IEC HT
139		1	24	24	36		12 00	Chairs
139	36517	1	8	10	3		0 14	Canberra spectra amplifier
139		1	24	24	48		16 00	Stool
139		1	34	45	31		27 45	Desk
139		1	30	60	31		32 29	Desk
139		1	12	12	24		2 00	Fire extinguisher ID #BC 1091 779-18
139	00002714-00	1	12	25	30		5 21	Drill Press 0000002714-00

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
139		1	9	5	4		0 10	Power box
139		1	9	5	12		0 31	Power supply
139	00037172-00	1	17	15	2		0 30	HP Computer Canberra Amp
139		1	17	15	6		0 89	Vectra Cpu w/keyboard
139	0009909700	1	15	14	11		1 34	IBM Monitor
139		1	124	41	25		73 55	Lab Bench 0000003714
139		1	17	15	2		0 30	Computer equipment
139		2	11			7	0 49	NaI Detector
139		1	13	14	4		0 42	Metal switch
139		1	26	12	16		2 89	Mixer
139		2	9	10	2		0 21	Mixers
139		1	12	12	15		1 25	Lab Oven Below GB
139		2	38	18	74		58 58	Metal Cabinet
139		1	8	4	12		0 22	NVC Measure Cor Prop Counters
139		3	19	15	6		2 97	PC-5 Prop Counter
139	00031352-00	1	19	12	9		1 19	Power Supply
139		1	24	36	36		18 00	Rolling Lab Cart w/Sorensen Power Supply
139		1	10	8	14		0 65	SAAM box ID# 00111131-00
139		1	16	16	14		2 07	SAAM Shelf
139		1	24	12	12		2 00	Safety Shower 779-7
139		1	9	9	16		0 75	Plastic box
139		1	8	12	12		0 67	Duct
139	00002715-00	1	12	6	14		0 58	Shaker by Brinkmann
139		5	18	36	18		33 75	Shelves Metal
139		1	22			18	3 24	Dewar
139		1	12	8	18		1 00	Emergency light
139		1	15	12	2		0 21	Bottle rack
139		1	7	11	4		0 18	Mettler balance

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
139	37169	1	16			17	2 10	Test Tube Centrafuge
139		1	24	14	15		2 92	Vacuum Pump Below GB
139		1	12	12	0 25		0 02	Wall Clock
139		1	72	28	48		56 00	Work bench
139		6	28	96	6		56 00	Fluorescent lights
139		1	17			14	1 51	Sump pump
139		1	8	14	12		0 78	Power box
139		1	30	30	31		16 15	HEPA filter box
139		1	22	26	36		11 92	Cabinet 4 drawer
139		1					0 00	Magnahelic
139		1	23	32	36		15 33	ANAC temperature controllers
139		1	30	15	24		6 25	Wall mounted shelves
139		1	45	15	18		7 03	Wall mounted shelves
139		1	120			0 375	0 01	Piping
139		1	1944			0 75	0 50	Piping
139		1	1092			0 5	0 12	Piping
139		1	972			1 25	0 69	Conduit
139		1	240			2 5	0 68	Piping
139		1	324			0 25	0 01	Piping
139		1	432			0 25	0 01	Piping
139		1	480			0 25	0 01	Piping
139		1	516			2	0 94	Piping
139		1	324			0 5	0 04	Piping
139		1	1104			5	12 54	Hood exhaust pipe
139		1	144			10	6 55	Hood exhaust pipe
139		1	7200			1 5	7 36	Conduit
139		1	384			3	1 57	Vacuum Piping
139		1	216			1 5	0 22	Vacuum Piping

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
139		1	48			1	0 02	Piping
139		1	216			0 5	0 02	Piping
139		1	252			1 25	0 18	Fire line
139		1	2148			1 25	1 53	Conduit
139		1	648			0 75	0 17	Pipe
139		1	348			2	0 63	Conduit
139		1	6	10	264		9 17	Duct
139		1	10	12	84		5 83	Duct
139		1	7	12	192		9 33	Duct
139		1	10	16	120		11 11	Duct
139		1	10	24	156		21 67	Duct
139		1	12	36	300		75 00	Duct
139		1	10	20	108		12 50	Duct
					Totals		978 2	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
221		1	24	24	36		12 00	Chairs
221		1	24	24	60		20 00	Stool
221	36655	1	16	20	5		0 93	Computer RT, IBM CPU
221		1	16	14	12		1 56	IBM Monitor
221		1	34	60	31		36 60	Desk with drawers
221	3841	1	47	22	84		50 26	Cabinet Glass Door w/instruments
221	0003607200	1	19	6	11		0 73	Cabinet Glass Door/Contents
221	0003609700	1	19	7	15		1 15	Cabinet Glass Door/Contents
221	000014700	1	19	7	11		0 85	Cabinet Glass Door/Contents
221	0003499200	1	12	7	11		0 53	Cabinet Glass Door/Contents
221	27918	1	23	27	39		14 02	Photoelectrometer
221		1	24	51	43		30 46	Workbench with drawers
221	373	1	11	14	7		0 62	Thermocouple chart recorder
221	44734	1	19	7	12		0 92	Airtronics instrument
221		1	7	7	10		0 28	Moisture monitor
221	16000	1	8	10	10		0 46	Equipment
221		6	48	24	8		32 00	Flourescent light
221		1	20	18	0 5		0 10	Shelf
221		1	7	13	9		0 47	Microscope
					Totals		192 0	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
221A		1	36	60	1		1 25	Blackboard
221A		1	36	24	1		0 50	Blackboard
221A	39069	1	18	18	15		2 81	Video monitor
221A	36732	1	14	4	12		0 39	Printer
221B		1	36	24	1		0 50	Wall Board
221B		1	72	48	1		2 00	Wall Board
221C	0000198600	1	20	18	7		1 46	Plotter
221C	0003621600	1	21	14	21		3 57	HP Data Terminal
221C	0003633300	1	17	17	6		1 00	Computer Accessory
221C	0003650200	1	25	18	9		2 34	HP Printer
221C	0003650800	1	17	17	6		1 00	HP Disc Drives
221C	68535	1	17	17	6		1 00	HP Disc drives
221C		1	24	24	36		12 00	Chair
221C		12	12			12	9 42	Stepstool
221A		2	48	24	8		10 67	Fluorescent lights
221A		1	20	27	52		16 25	Locking drawer cabinet
221A		1	14	19	30		4 62	Drawer
221A		1	20	27	52		16 25	Cabinet with drawers
221A		1	20	16	12		2 22	Vise
221A		1	30	10	30		5 21	Stand
221A		1	21	7	4		0 34	RF intererence filter
221A	36205	1	15	20	5		0 87	A/C chart recorder
221A		1	22	18	82		18 79	Instrument rack
221A	35801	1	26	24	12		4 33	Object
221A		1	24	4	78		4 33	Glass doors
221B		1	48	24	24		16 00	Cabinet
221B		1	24	24	12		4 00	Pump Oil Pan Full
221B		1	24	12	0 5		0 08	Varian Vacuum Pump

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
221B		1	19	7	19		1 46	Oscilloscope
221B		1	19	19	3 5		0 73	Polarizer
221B		1	19	10	5		0 55	Micrometer
221B		1	19	16	7		1 23	Controller
221B		1	11	12	12		0 92	Polarimeter
221B		1	9	12	8		0 50	Potentiometer
221B		1	24	25	35		12 15	Marble Table
221B		1	22	22	62		17 37	Cabinet
221B		1	59	26	31		27 52	Cabinet
221B		1	24	15	10		2 08	Electrical meter
221C		1	83	22	1		1 06	Tray
221C	34590	1	16	12	8		0 89	Oscilloscope
					Totals		209 7	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
223		1	8	8	12		0 44	Bullhorn speaker
223		1	24	22	72		22 00	Instrument rack
223		1	22	23	83		24 30	Instrument rack
223		1	24	23	75		23 96	Instrument rack
223		4	6	18	6		1 50	J box
223		1	12	12	6		0 50	J box
223		1	6	6	6		0 13	J box
223		1	22	12	12		1 83	Grinder
223	35962	1	32	26	85		40 93	Heat transfer unit
223		1	12	35	36		8 75	Lab cabinet
223		1	70	54	13		28 44	Lab cabinet glass doors
223		1	140	30	38		92 36	Lab bench w/sink and drawers
223		1	148	12	30		30 83	Lab cabinet , glass doors
223		1	148	31	37		98 24	Lab bench w/ drawers
223		1	24	25	75		26 04	Instrument rack
223		1	24	18	24		6 00	Antique balance
223	36090	1	9	18	13		1 22	Mettler balance
223		1	36	10	3		0 63	Bottle rack
223		1	24	10	3		0 42	Bottle rack
223	13238	1	37	25	58		31 05	DC welder
223		1	14	14	3		0 34	Emergency light, std
223		1	36			10	1 64	Fire extinguisher
223		6	48	24	8		32 00	Fluorescent lights
223		1	28	45	24		17 50	Labcon hood
223		1	32	24	36		16 00	Vacuum pump
223		1	36	38	42		33 25	Coating vessel
223		1	42	21	21		10 72	Coating assy
223		1	10	44	36		9 17	150 lb lift
					Totals		560 2	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
225		1	35	30	12		7 29	Book Shelve Cabinet 3846
225		1	35	30	12		7 29	Book Shelve Cabinet 3847
225		1	36	78	18		29 25	Storage Cabinet
225		1	36	78	18		29 25	Storage Cabinet
225		1	24	18	18		4 50	Card file
225		1	47	36	31		30 35	Storage Cabinet 3851
225	00036810-00	1	54			24	14 14	Container Liquid Nitrogen
225		1	34	37	20		14 56	Roller Tool box
225		1	26			24	6 81	Coating Machine s/n 23530
225	00026222-00	1	24	30	17		7 08	DC power supply
225	00035190-00	1	65	88	44		145 65	System Vacuum Coating
225		1	48	36	20		20 00	Pump 29343614
225		1	24	30	16		6 67	30KVA Transformer
225		1	30	108	13		24 38	Return Air Duct
225		1	31	46	38		31 36	Work Bench
225		1	24	23	41		13 10	Instrument Rack
225		1	36	24	24		12 00	Vacuum Pump
					Totals		403 7	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
273		4	48	24	8		21 33	Lights
273		2	24	36	1		1 00	Cork board
					Totals		22 3	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
274		1	48	72	3		6 00	Chalk board
274		1	32	22	36		14 67	Cabinet
274		1	25	50	38		27 49	Steel work bench
274		4	48	24	8		21 33	4 bulbs - Fluorescent
					Totals		69 5	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
275		1	23	32	62		26 41	Computer controller
275		4	17	17	6		4 01	HP disc drives 68538,68539
275		1	20	17	7		1 38	HP scanner
275	36015, 44719	1	22	18	72		16 50	Instrument rack
275		1	34	60	31		36 60	Table
275		1	33	31	13		7 70	Cabinet w/glass doors
275		1	22	25	38		12 09	Instrument
275		1	8	13	3		0 18	Mettler balance
275		1	18	21	24		5 25	Microbalance
275		1	18	5	20		1 04	Voltmeter
275	36956, 36952,	1	17	17	8		1 34	Quadres
275		2	22	60	1		1 53	Shelves
275		4	48	24	8		21 33	Fluorescent light
275		4	48	24	8		21 33	Fluorescent light
					Totals		156 7	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
277		1	60	30	29		30 21	Desk
277		2	16	12	3 5		0 78	Canon printer
277		2	19	12	3 5		0 92	Digital clock
277		1	19	14	9		1 39	Digital scanner
277		1	28	15	21		5 10	Tool box
277		2	14	27	52		22 75	Library card holder
277		1	26	35	38		20 01	Steel work table
277		1	16	13	13		1 56	Power supply
277		1	26	23	53		18 34	Instrument cabinet (empty)
277		1	21	28	16		5 44	Digital ?
277		1	23	36	32		15 33	Cart (steel)
277		4	48	24	8		21 33	4 Bulb - Fluorescent lights
277		1	19	14	9		1 39	Controller
					Totals		144 6	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
271		1	300			7	6 68	
271		1	432			4	3 14	
271		1	144			4	1 05	
					Totals		10 9	

PIPING INCLUDED WITH ROOM 270, WORK AREA 15

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
272		1	54	45	32		45 00	GB 6620 Pb, welded ss, 6 gp w/g
272		1	19	18	18		3 56	Airlock, GB 6620
272		1	29	36	24		14 50	SS cooler assy, GB 6620
272		1	3	7	10		0 12	Alpha monitor, GB 6620
272		1	144			3	0 59	GB stand, GB 6620
272		4	22	14	20		14 26	Vacuum pump, GB 6620
272		1	22	14	16		2 85	Vacuum pump, GB 6620
272		1	16			8	0 47	Filter, GB 6620
272		1	264			1	0 12	Galvanized piping, GB 6620
272		1	2	2	2		0 00	Angle iron, under GB 6621
272		1	84			2	0 15	Steel pipe, under GB 6621
272		1	75	42	39		71 09	GB 6621, plexi face w/3 gp, bolted SS
272		1	25	16	16		3 70	Airlock w/2 gp, 1 equip port, GB 6621
272		1	14	22	22		3 92	Airlock, GB 6621
272		1	708			2	1 29	GB stand, GB 6621
272		37	27	14	14		113 31	Vacuum pump, GB 6621
272		1	14	25	15		3 04	Vacuum pump, GB 6621
272		1	21	21	42		10 72	Comp Assy, GB 6621
272		1	17			7	0 38	Filter drain, GB 6621
272		1	9	8	14		0 58	SAAM
272	19634	1	20	16	5		0 93	Calc
272		1	36	31	20		12 92	Pressure tank
272		1	22	26	79		26 15	Electric panel
272		4	27			16	12 57	Green gas cylinders, NDT tank int cant
272		1	14	14	3		0 34	Emergency light
272		1	11	32	5		1 02	Pressure gage assy
272		1	8	36	24		4 00	Diffusion pump assy
272		1	15	13	22		2 48	Table

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
272		1	11	11	31		2 17	Electric panel
272		1	16	9	5		0 42	Electric panel
272		1	7	14	5		0 28	Electric panel
272		1	25	7	25		2 53	Electric panel
272		1	21	16	30		5 83	Stand
272		1	36			10	1 64	Fire extinguisher
272		1	48	10	3		0 83	Bottle rack
272		1	24	10	3		0 42	Bottle rack
272		1	12	12	8		0 67	Eyewash
272		1	9			12	0 59	Shower
272		1	36	18	78		29 25	Supply cabinet
272	36388, 49743,	1	22	16	74		15 07	Chart recorder rack
272		1	12	43	21		6 27	Box
272		1	17	12	12		1 42	Shelf
272	36174, 44763-2,	1	22	26	21		6 95	Instrument rack
272		1	24	26	58		20 94	Prog data acq box
272		1	60	10	3		1 04	Bottle rack
272		1	27	18	50		14 06	Tool/work bench
272		1	40	23	7		3 73	Electric panel
272		1	14	24	22		4 28	Vacuum pump
272		1	234	2	2		0 54	Alpha monitor
272	36137, 36189,	1	23	25	79		26 29	Electric panel
272	27276, 36182,	1	23	25	78		25 95	Electric panel
272		1	8	8	12		0 44	Bullhorn speaker
272		1	36	24	36		18 00	Supply cabinet with drawers
272		1	36	70	36		52 50	Supply cab with drawers
272		1	10	14	6		0 49	Inst box (stress granometer), wood case
272		1	17	12	10		1 18	Inst box, wood case

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
272		1	18	31	56		18 08	5 drawer safe
272		1	5			9	0 18	Pressure gage
272		1	19	14	14		2 16	SS vacuum assy
272		1	20	16	5		0 93	Inst box
272	37096	2	4			5	0 09	Pressure gages
272		1	35	17	14		4 82	Drawers
272	35930 35969,	1	22	25	70		22 28	Instrument rack
272		1	6			11	0 33	Pressure gage
					Totals		642 7	

PIPING INCLUDED WITH ROOM 270, WORK AREA 15

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
216								Room 215 is an empty airlock
216								Room 226 is an empty stairwell
216								Room 236 is an empty airlock
216								Room 237 is an empty hallway
					Totals		0 0	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
216		21	48	24	8		112 00	Flour
216		1	1824			1 25	1 30	Fire pipe
216		1	192			0 75	0 05	Stainless steel pipe
216		2	30	36	6		7 50	Hose box
216		1	30	40	10		6 94	J box
216		1	144			4	1 05	Conduit
216		1	144			1 25	0 10	Conduit
216		1	12	18	6		0 75	J box, laser beam
216		1	144			2 5	0 41	Conduit
216		3	8	8	8		0 89	Fire alarms
					Totals		131 0	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume ft3	Component
			L	W	H	Dia.		
219		2	36	24	24		24 00	Toilets
219		2	36	24	12		12 00	Urinals
219		2	1 5	1 5	12		0 03	Sinks
219		2	36	36	24		36 00	Trash Cans
					Totals		72 0	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
224		1	36	36	80		60 00	Shower
224		1	30	30	48		25 00	Filter box
224		1	8	240	14		15 56	Duct
224		1	15	20	6		1 04	Magnahelix
224		1	144			4	1 05	PVC
224		1	144			2 5	0 41	PVC
224		1	216			0 5	0 02	Copper insulated
224		1	648			0 5	0 07	Copper
224		1	60			2	0 11	Fire
224		1	180			1	0 08	Conduit
224		1	48			0 75	0 01	Conduit
224		1	120			12	7 85	Exhaust
224		1	20	10	10	1	0 01	Vacuum pump
					Totals		111 2	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
229		1	96			0 25	0 00	Copper pipe
229		1	60			0 75	0 02	Iron pipe
229		1	384	3	4		2 67	Buss bar
229		1	42	12	32		9 33	Wall cabinet
229		1	72	4	48		8 00	Chalk board
229		1	24	1	36		0 50	Cork board
229		4	48	24	8		21 33	Fluorescent lights
					Totals		41 9	

DROP CEILING

Room Number	Property Number	Quantity	(Inches)				Volume	Component
			L	W	H	Dia.	ft 3	
230		3	24	24	36		36 00	Chair
230		1	36			10	1 64	Fire extinguisher
230		1	48	10	3		0 83	Bottle rack
230		1	24	10	3		0 42	Bottle rack
230		1	12	12	8		0 67	Eye wash
230		1	24	12	12		2 00	Shower
230		1	45	34	31		27 45	Desk with drawers
230		1	24	4	12		0 67	Step stool
230		1	23	26	69		23 88	Instrument cabinet
230		1	23	26	69		23 88	Instrument cabinet
230		2	8	8	8		0 59	Chem trays
230		1	9	8	14		0 58	SAAM
230		1	17	12	12		1 42	Shelf
230		2	24	10	3		0 83	Bottle racks
230		1	20	10	10		1 16	Oscilloscope
230		1	17	45	14		6 20	Shelf
230		1	48	24	29		19 33	Blue rolling cart
230		1	27	16	52		13 00	Small file
230		1	32	25	59		27 31	Refrigerator
230		2	18	24	18		9 00	Vacuum pump, under GB 976/977
230		1	32	20	20		7 41	Compressor/chiller, under GB 976/977
230		1	6			8	0 00	Variable controller, under GB 976/977
230		1	10	16	45		4 17	Blower assy, under GB 976/977
230		2	9	14	44		6 42	Pressure vessel assy
230		1	21	24	21		6 13	Xray camera
230	69	1	18			22	3 96	Tank
230		1	27	27	43		18 14	Equip rack
230		1	60	37	49		62 95	Hood 222

Room Number	Property Number	Quantity	(Inches)				Volume	Component
			L	W	H	Dia.	ft 3	
230		1	30	58	36		36 25	Cabinet with doors under hood 222
230		1	54	74	77		178 06	Lab bench with sink and doors w/ process drain
230		1	35	54	37		40 47	Lab bench with doors
230		2	14			15	2 86	Temp controller insulator
230		1	30	34	38		22 43	Inst table
230		1	29	46	36		27 79	Spectrophotometer
230		1	45	30	44		34 38	Control panel
230		1	24	60	2		1 67	Shelf
230		1	15	28	62		15 07	File cabinets
230		1	18	28	61		17 79	File cabinets
230		1	6	6	18		0 38	Harmonic neutralizer
230		1	37	13	43		11 97	Wall bookcase
230		1	37	13	42		11 69	Wall bookcase
230		1	33	13	17		4 22	Wall bookcase
230		4	48	24	8		21 33	Fluorescent lights
230		1	15	25	53		11 50	File cabinet
230		3	24	24	36		36 00	Chairs
230		1	48	72	3		6 00	Black board
230		1	60	35	31		37 67	Desk with drawers
230		1	60			0 75	0 02	Iron pipe
230		1	84			0 75	0 02	Conduit
230		1	264	2	4		1 22	Elect buss
					Totals		824 8	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
231		3	10	22	6		2 29	Fire box
231		2	8	8	12		0 89	Bullhorn speakers
231		3	22			8	1 92	Fire extinguisher
231		1	30	30	30		15 63	Table
231		1	24	24	36		12 00	Chair
231		1					0 00	PCM2
231		1	53	53	1		1 63	Cork board
231		1	12	19	2		0 26	Key box
231		1	25	11	25		3 98	P box
231		1	144			4	1 05	Piping
231		1	72			2	0 13	Piping
231		3	11	12	4		0 92	Breathing air assy
231		3	36			1	0 05	Air pipe
231		1	34	38	4		2 99	Fire valve box
231		1	36	12	78		19 50	Lockers
231		2	20	7	72		11 67	6 ' Ladder
231		20	48	24	8		106 67	Fluorescent - 4 bulbs
231		1	24	24	11		3 67	J box
231		1	32	12	45		10 00	Laser beam control panel
231		1	36	20	75		31 25	Storage cabient
231		1	30	24	27		11 25	Table
231		1	12	6	9		0 38	Exit sign
231		2	60			0 75	0 03	Iron pipe
231		1	264	3	4		1 83	Buss bar
231		1	36	18	74		27 75	Cabinet
231		1	48	3	72		6 00	Chalk board
231		1	24	1	36		0 50	Cork board
231		1	34	30	60		35 42	Desk
231		2	12	15	18		3 75	Cabinets
					Totals		313 4	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
232		1	19	10	20		2 20	Scale
232		1	8	11	14		0 71	Scale
232		1	9	20	14		1 46	Tool box
232		1	43	18	65		29 11	Flame marble cabinet
232		1	16	20	6		1 11	Gas box - 4 gas cocks
232		1	43	19	37		17 49	Rolling blue tool box, unbolt vise
232		1	20	29	37		12 42	Rolling blue tool box, unbolt vise
232		2	11	11	14		1 96	Oven
232		1	18	18	34		6 38	Typewriter table
232		7	24	10	3		2 92	Bottle rack
232		1	36	18	74		27 75	Supply cab
232		3	13	10	40		9 03	Bottle rack
232		1	33	13	59		14 65	Book case with glass door
232		1	62	36	32		41 33	Desk with drwaers
232		1	46	10	18		4 79	Shelf, fake wood
232		1	24	24	2		0 67	Dumb waiter in wall
232		1	26	41	25		15 42	Computer talbe and computer
232		6	24	24	36		72 00	Chairs
232	107091	1	16	18	13		2 17	Mitsubishi monitor
232	107094	1	16	16	7		1 04	Mitsubishi printer
232	107085	1	17	27	7		1 86	Mitsubishi CPU
232		1	48	72	3		6 00	Chalkboard
232		2	3			13	0 46	Clock & temp
232		1	264	4	3		1 83	Elect buss
232		1	24	10	3		0 42	Bottle rack

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
232		1					0 00	Argon comp gas
232		1	26	35	36		18 96	Alpha/beta counter
232		1	24	24	12		4 00	Stool
					Totals		298 1	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
233		1	384	3	4		2 67	Buss bar
233		1	48			1 25	0 03	Conduit
233		1	180 0			0 75	0 05	Conduit
233		1	120			2	0 22	Buss bar
233		1	48 0	48		0 75	0 01	Conduit
233		1	96			1	0 04	Conduit
233		1	96			8	2 79	Stainless steel pipe
233		1	72			0 75	0 02	Iron pipe
233		1	16	24	24		5 33	Black light
233		4	35	12	29		28 19	Wall cabinets
233		2	72	22	47		86 17	Base cabinets
233		1	21	26	33		10 43	Power supply
233		1	76	2	60		5 28	Fiberglass partitions
233		1	60	4	48		6 67	Chalk board
233		1	48	60	11		18 33	Wood box
233		4	48	24	8		21 33	Fluorescent lights
					Totals		187 6	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
235		1	12	30	30		6 25	Wall Mounted Cabinet
235		1	12	30	30		6 25	Wall Mounted Cabinet
235		1	12	18	48		6 00	Portable AC Unit AQ7799-005
235	00036267-00	1	48	72	60		120 00	Electron Microscope
235		1	24	30	42		17 50	Computer Table
235	Unable to attain	1	18	18	18		3 38	Computer Table/Contents
235	Unable to attain	1	8	18	2		0 17	Computer Table/Contents
235	Unable to attain	1	24	24	9		3 00	Computer Table/Contents
235	00036267-01	1	36	24	60		30 00	Tracor Northern TN2000, data acquisition
235		1	30	20	21		7 29	Leak dedector unit
235		1	30	20	33		11 46	Stand
235		1	12	22	14		2 14	Vacuum pump
235		1	31	10	8		1 44	Camera
235		1	12	20	26		3 61	Oil pump
235		1	24	24	24		8 00	Stool
235		1	108			2 30	0 26	Process vent
235		1	156			0 50	0 02	Copper pipe
235		1	96			1 00	0 04	Conduit
235		1	120			1 00	0 05	Ironpipe
235		1	96			0 75	0 02	Stainless steel pipe
235		1	192			0 50	0 02	Insulated copper pipe
235		1	120			1 00	0 05	Conduit
235		1	36			0 75	0 01	Conduit
235		1	16			14 00	1 43	Drop vent
235		4	10			4	0 29	Incandescent light fixture, ss w/ gloves

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
235		1	156	6	2		1 08	Steel curtain guide
235		1	4	6	12		0 17	J box
					Totals		229 9	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
234		1	24	2	424		11 78	Mounting Rack
234		1	184	33	28		98 39	Glovebox 205, plexi face 8 gp, airlock w/equip port, gp
234		2	32			8	1 86	Crit drains, Glovebox 205
234		1	14	20	14		2 27	Vacuum pump, Glovebox 205
234		2	11	13	5		0 83	Ultrasonic generators, Glovebox 205B
234		1	28	17	18		4 96	Power supply, Glovebox 205B
234		1	20			12	1 31	Glovebox 205, immersion containers
234		2	552			2	2 01	Glovebox 205, stand
234		2	368	2	2		1 70	Glovebox 205, angle iron
234		2	48	24	8		10 67	GB 205, large fluorescent
234		2	18	24	6		3 00	GB 205, small fluorescent
234	0000003792-00	1	24	84	48		56 00	Lab Cabinet w/ sink
234	0000003793-00	1	12	12	12		1 00	Lab Cabinet w/ sink/Contents
234	0000270910 and	1	30	18	9		2 81	Honeywell Control System enclosure
234		3	18	24	30		22 50	Step stool
234		1	18	42	48		21 00	Supply Cabinet
234	00013182-00	1					0 00	Supply Cabinet/Contents
234		1	12	6	3		0 13	Supply Cabinet/Contents
234		1	18	36	78		29 25	Supply Cabinet
234	AQD779-032	1	18	30	36		11 25	Supply Cabinet
234		1	30			8	0 87	Roll Plastic lines
234	00111044-	1	30	30	66		34 38	Refrigerator
234	NA	1	18			18	2 65	Stool
234		1	36	36	72		54 00	Refrigerator
234		1	36	18	36		13 50	File Cabinet
234		1	18	18	12		2 25	File Cabinet/Contents
234		1	18	18	18		3 38	SAAM unit and shelf

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
234		1	36	48	48		48 00	Leco Metallograph
234		1	24	24	36		12 00	Equipment Stand
234		1	12	9	24		1 50	Equipment Stand/Contents
234		1	36	72	36		54 00	Desk
234		1	30	84	30		43 75	Desk/Contents
234		1	18	18	3		0 56	Desk/Contents
234		1	12	12	12		1 00	Densitometer and Shelf
234	1318200	1	12	12	12		1 00	Eyewash
234		1	9			12	0 59	Safety shower
234	3149500	1	4	12	12		0 33	Emergency Light and 1 Exit Light
234		1	24	12	16		2 67	Tool Box
234		1	24	24	36		12 00	Drawer Cabinet
234		1	72	36	24		36 00	Refrigerator
234		1	72	24	2		2 00	Workbench w/Drawers
234		1	36	36	24		18 00	Blue Acid Cabinet
234		1	36			10	1 64	Fire extinguisher
234		1	12	12	8		0 67	Eyewash
234		1	9			12	0 59	Safety shower
234		8	279			2	4 06	GB stand
234		2	2	2	184		0 85	Angle iron
234		2	20			12	2 62	Containers
234		2	11	13	15		2 48	Ultrasonic generator
234		1	28	17	18		4 96	Power supply
234		1	23	10	5		0 67	Sawzall
234		1	12	10	17		1 18	Photvolt corp
234		1	58	25	25		20 98	Polaroid Film holder
234		2	26	17	24		12 28	Drawers
234		2	36	18	78		58 50	Supply cabinets

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
234		1	32	42	48		37 33	Mettalograph
234		1	59	25	2		1 71	Table top
234	31245	1	17	17	25		4 18	Cabinet w/inst
234		1	12	7	5		0 24	Switch box
234	31311	1	23	10	14		1 86	Microscope
234		1	28	19	18		5 54	Microscope stand (crush to 6")
234		1	7	7	4		0 11	Inst box
234		1	20	35	32		12 96	Rolling HP equip box
234		1	16	14	16		2 07	Perkin-Elmer monitor
234		1	13	19	8		1 14	Perkin-Elmer CPU
234		1	18	32	30		10 00	Drawers cabinet
234		1	14	14	9		1 02	Inst box
234		1	24	22	34		10 39	Shop vacuum
234		1	40	24	48		26 67	Green cart
234	2345	2	12	25	19		6 60	PE diff thermal analyzer
234	2315	1	23	26	13		4 50	PE thermal analysis cont
234		1	9	8	14		0 58	SAAM
234		1	17	12	12		1 42	Shelf
234		1	4			12	0 26	Clock
234		1	24	24	36		12 00	Chair
234		1	73	31	53		69 41	Cabinet with 2 hutches
234		1	48	30	13		10 83	Wall cabinet with glass doors
234		3	6	8	12		1 00	Lamp
234		1	7	9	15		0 55	Microscope
234		1	22	14	22		3 92	Dimpler
234	99095	1	17	13	6		0 77	Printer
234		2	12			6	0 39	Cartridge assy
234		1	46	25	52		34 61	Welder

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
234		1	21	9	9		0 98	Welding equipment
234		1	23	23	23		7 04	Welding equipment
234		1	9	7	2		0 07	Phone
234		1	11	16	7		0 71	Tele guard
234	36275	1	34	25	42		20 66	Instrument
234		1	33	17	33		10 71	Regulator valve cart on wheels
234		1	32	10	6		1 11	Film rack
234		1	19	13	12		1 72	Blue rack
234		1	86	27	44		59 13	SS lab bench with sink and drawers
234		2	24	24	36		24 00	Chairs
234		1	12	10	3		0 21	Bottle rack
234		1	36			10	1 64	Fire extinguisher
234		1	768			0 5	0 09	Stainless steel pipe
234		1	480			0 5	0 05	Copper pipe
234		1	1464			0 8	0 43	Iron pipe
234		1	1836			0 8	0 53	Conduit
234		1	840			0 8	0 24	Copper pipe
234		1	888			0 8	0 26	Stainless steel
234		1	3456			1	1 57	Conduit
234		1	384			1 25	0 27	Conduit
234		1	2736			1 25	1 94	Insulated Copper pipe
234		1	240			1 25	0 17	Copper pipe
234		1	360			1 5	0 37	Iron pipe
234		1	960			1 5	0 98	Fire pipe
234		1	240			1 5	0 25	Copper pipe
234		1	240			1 5	0 25	Iron pipe
234		1	168			2 5	0 48	Conduit
234		1	1344			2 5	3 82	Stainless steel pipe

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
234		1	480			3 5	2 67	Stainless steel pipe
234		1	1176			5	13 36	Stainless steel pipe
234		1	156			7	3 47	Hood exhaust
234		1	156			5	1 77	Hood exhaust
234		1	24			18	3 53	Freon tank
234		2	16	12	8		1 78	Fire box-large
234		2	12	12	8		1 33	Fire box-small
234		1	27	18	9		2 53	Wall cabinet
234		1	12	12	12		1 00	Filter box
234		1	96			3 50	0 53	Stainless steel pipe
234		1	120	26	14		25 28	Return air duct
234		1	16	12	12		1 33	Transformer
234		1	12	12	12		1 00	Transformer
234		1	360	2	2		0 83	Buss bar
234		13	48	24	8		69 33	Fluorescent light
234		5	96	18	8		40 00	Fluorescent light
234		1	408	16	30		113 33	Stainless steel duct
234		1	288	12	14		28 00	Duct work
234		1	360	6	3		3 75	Buss bar
234		1	444			9	16 35	Insulated duct work
					Totals		1471 5	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
234 A		1	9	16	16		1 33	Instrument
234 A		1	25	10	36		5 21	Bottle rack
234 A		1	25	27	41		16 02	Chiller
234 A		1	23			6	0 38	Pressurized container
234 A		1	28	19	58		17 86	Safes no wheels
234 A		1	28	21	52		17 69	Safes no wheels
234 A		1	24	24	36		12 00	Chair
234A		1	13	13	24		2 35	Hot bootie container
234 A		1	23	17	38		8 60	Writing stand with wheels
234 A		1	25	11	32		5 09	Cooling unit
234 A		2	24	51	61		86 42	Drafting table
234A		2					0 00	110 gal salvage drum
234A		1	48	24	8		5 33	Fluorescent lights
234A		1	48	24	8		5 33	Fluorescent reflector
234A		1	13	12	12		1 08	Transfer
234A		2	6	8	12		0 67	Circuit breakers
234A		1	168	4	3		1 17	Buss
234A		1	12	12	4		0 33	Filter
234A		1	360			3 5	2 00	Stainless steel pipe
234A		1	6	13	12		0 54	SS return air duct
234A		1	108	3 5	2		0 44	Stand
234A		1	56	2	88		5 70	Lead lined door
234A		1	216			0 5	0 02	Copper pipe
234A		1	204			0 75	0 05	Conduit
234A		1	420			0 75	0 11	Iron pipe
234A		1	300			1	0 14	Conduit
234A		1	108			1	0 05	Copper pipe
234A		1	180			1	0 08	Iron pipe

Room Number	Property Number	Quantity	Dimensions (Inches) L	W	H	Dia.	Volume ft3	Component
234A		1	324			1 25	0 23	Conduit
234A		1	120			2 5	0 34	Stainless steel
234A		1	180			2 5	0 51	Copper pipe
234A		1	156			5	1 77	Stainless steel pipe
					Totals		198 8	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
217		1	145	38	36		114 79	GB 964/963 8gp, plexifront, ss, not leaded
217		1	24	29	24		9 67	Airlock
217	36832	1	80	43	48		95 56	GB 330-371 target box for laser, plexiglass fronts, 14 gp
217		1	24	7	6		0 58	Switch box, GB 330-371
217		1	2	2	23		0 05	Angle iron, GB 330-371
217		1	3	7	10		0 12	Alpha monitor, GB 330-371
217		1	18	18	18		3 38	Bagout box, GB 330-371
217		1	6	13	13		0 59	Filter box, GB 330-371
217		2	18	24	6		3 00	Small fluorescent light, GB 330-371
217		1	30	8	10		1 39	Compressor, GB 330-371
217		1	18	18	18		3 38	Airlock
218		1	264			2	0 48	GB stand GB330-371
217		1	11	11	10		0 70	Filter
217	37150	1	10	16	14		1 30	Labcon
217		3	12	20	12		5 00	Vacuum pump
217		1	8			1	0 00	ss tubing flanged (misc)
217		1	24	30	24		10 00	Compressor
217		1	528			2	0 96	2" OD gb stand
217		1	264	2	2		0 61	Angle iron
217		1	36	4	2		0 17	SS Tubing
217		1	33	6	6		0 69	Variable temp control box
217		2	24	12	8		2 67	Large fluorescent light
217		2	27	22	34		23 38	watercooler
217		4	24	24	36		48 00	chairs
217		1	24	24	48		16 00	stool
217	3835	1	36	18	78		29 25	Supply cabinet
217		1	16	12	15		1 67	Computer
217		1	28	6	24		2 33	Computer

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft³	
217		1	24	18	36		9 00	Stepladder
217		1	28	18	4		1 17	Angle iron plate
217		1	64	56	84		174 22	VG scientific laser
217		1	26	43	60		38 82	power supply
217		2	25	24	18		12 50	surface spectrometer
217		1	16	12	14		1 56	transformer
217	111071	1	17	12	26		3 07	SAAM and shelf
217		1	22	21	29		7 75	Aluminum transport containers
217		3	54	44	1		4 13	Aluminum transport containers
217		1	54	1	10		0 31	Aluminum transport containers
217		1	45	5	13		1 69	Aluminum transport containers
217	36052	1	86	33	90		147 81	Depleted uranium
217	37148	1	23	17	17		3 85	Ultrasonic cleaner
217	37149	1	10	14	11		0 89	Power supplies
217		1	44	12	31		9 47	Toledo balance
217			165	30	48		0 00	drawing bench w/marble
217		1	15	13	4		0 45	Digital CPU
217		1	62	32	29		33 30	Table
217		1	22	15	24		4 58	Drawers
217		1	36	24	31		15 50	SS table 5 drawers
217	3839	1	37	22	36		16 96	Cabinet w/drawers
217		1	18	12	10		1 25	Vise
217		1	19	12	6		0 79	Validyne
217		1	24	24	18		6 00	Shelf
217	C1703	1	47	34	84		77 68	Hood E, drawers under
217	1971	1	9	20	16		1 67	Mettler 8518R balance
217		1	13	15	15		1 69	Drying oven
217		1	28	21	29		9 87	Databox

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
217		1	36	10	3		0 63	Bottle racks
217		1	184			1	0 08	Carbon steel pipe
217		1	36	18	27		10 13	Cart
217		1	23	23	60		18 37	Aluminum transport container
217		1	43	63	26		40 76	Laser instrument controls
217		1	20	10	11		1 27	Ion gun controller
217		1	4	3	360		2 50	Hood stand, hollow steel
217		2	20	16	6		2 22	Boxes
217		2	15	15	5		1 30	Boxes
217		2	15	8	5		0 69	Breaker box
217		1	16	12	14		1 56	Power supplies
217		1	25	17	18		4 43	Power supplies
217		1	36			10	1 64	Fire Extinguisher
217		1	15	20	6		1 04	Magnahelix
217		2	96	12	8		10 67	1 bulb - Fluorescent light
217		1	48	12	8		2 67	3 bulb - Fluorescent light
217		5	96	18	8		40 00	3 bulb - Fluorescent light
217		1	180	10	16		16 67	Duct
217		1	144	12	24		24 00	Duct
217		1	84	12	14		8 17	Duct
217		1	30	30	30		15 63	Filter box
217		1	84			2	0 15	2" copper pipe
217		1	216			1 25	0 15	1 24" copper
217		1	36	16	8		2 67	Copper heat exchanger
217		1	144			1	0 07	Iron pipe
217		1	144			1	0 07	SS
217		1	144			0 75	0 04	SS
217		1	144			2	0 26	SS

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
217		1	144			1 25	0 10	Copper insulated
217		1	144			1	0 07	Copper insulated
217		1	396			1 5	0 40	Conduit
217		1	228			1 25	0 16	Conduit
217		1	456			1 25	0 32	Conduit
217		1	396			1 25	0 28	SS
217		1	456			1 25	0 32	SS
217		1	792			1 25	0 56	IP
217		1	684			1 25	0 49	IP
217		1	396			1 00	0 18	Copper
217		1	228			1 50	0 23	Fire
217		1	792			1 25	0 56	Copper insulated
217		1	396			0 38	0 03	Steel
217		1	396			0 75	0 10	SS
217		1	228			2 00	0 41	SS
217		1	396			2 50	1 12	SS
217		1	228			2 50	0 65	SS
217		1	504			7	11 22	SS
217		1	228			7	5 08	SS
217		1	396			6	6 48	Breaker panel
217		1	1188			0 75	0 30	IP
217		1	1140			0 75	0 29	IP
217		1	396			3	1 62	Conduit
217		1	792			1	0 36	Conduit
217		1	912			1	0 41	Conduit
217		1	792			1	0 36	Iron
217		1	228			1	0 10	Iron
217		1	228			2	0 41	Fire

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
217		1	396			1 5	0 40	Iron
217		1	396			5	4 50	SS
217		1	396			3	1 62	Fire
217		1	228			3	0 93	Fire
					Totals		1209 6	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
270		1	61	37	37		48 33	GB 2115 Pb, 8 gb w/g
270		1	40	32	37		27 41	GB 972, welded ss, plexi face, 2 gp, 15" equip port
270		1	22	30	25		9 55	Equip rack, GB 972
270		2	34			3	0 28	GB stand, GB 972
270		2	96	8	8		7 11	I beams, GB 973
270		1	58	30	25		25 17	GB 973
270		1	24	28	24		9 33	Tank yellow (concrete block), GB 973
270		1	18	24	20		5 00	Vacuum pump (lg), GB 973
270		1	12	24	18		3 00	Vacuum pump (sm), GB 973
270		1	19	21	42		9 70	Diffusion pump and vacuum pump, GB 973
270		1	11	11	6		0 42	HEPA, GB 2115
270		1	18	18	18		3 38	Airlock, GB 2115
270		1	32			8	0 93	Cnt drain, GB 2115
270		1	144			3	0 59	GB stands, GB 2115
270		1	48	24	8		5 33	Large fluorescent lights, GB 2115
270		1	16	44	31		12 63	Box, GB 2115
270		1	30	50	0 5		0 43	Tray, GB 2115
270		1	100	35	41		83 04	GB 3072, 2 gp w/g, 1 equip port
270		1	18	24	20		5 00	Vacuum pump, GB 3072
270		2	32			8	1 86	Cnt drains, GB 3072
270		6	39			3	0 96	GB rack, GB 3072
270		1	36	10	3		0 63	Bottle rack, GB 3072
270		2	18	24	6		3 00	Short fluorescent light, GB 3072
270	44664	1	20	18	11		2 29	Power supply, GB 3072
270		1	240			18	35 34	Stainless steel exaust
270		1	240	16	19		42 22	Exhaust duct
270		1	348	12	14		33 83	Exhaust duct
270		1	168			6	2 75	Glove box exhaust, welded SS
270		1	108			3	0 44	Glove box exhaust, welded SS

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
270		1	252			7	5 61	Stainless steel pipe, exhaust
270		1	240			7	5 35	Stainless steel pipe, exhaust
270		1	96			2	0 17	Stainless steel pipe, exhaust
270		1	84			4	0 61	Stainless steel pipe, exhaust
270		1	156			4	1 13	Stainless steel pipe, exhaust
270		1	27	29	29		13 14	3 step rollable
270		1	24	24	36		12 00	Stool
270	36440	1	26	20	43		12 94	HP cpu
270		1	9	8	14		0 58	SAAM
270		1	4			15	0 41	Clock
270		1	28	20	20		6 48	HP CPU
270		1	28	20	28		9 07	Safe
270		1	35	23	38		17 70	Cabinet drawers
270		2	48	24	8		10 67	Fluorescent lights
270		2	48	31	41		70 61	Drawers and doors
270		1	17	23	19		4 30	Furnace
270		1	22	18	78		17 88	Equip rack
270		1	22	25	66		21 01	Equip rack
270		1	34			23	8 17	Dewar vacuum
270		1	50			20	9 09	Dewar vacuum
270		1	36			10	1 64	Fire extinguisher
270		1	36	10	3		0 63	Bottle rack
270		1	24	10	3		0 42	Bottle rack
270	36065, 35983,	1	24	28	71		27 61	Equip rack
270	36269	1	32	21	25		9 72	Lepel power supply
270		1	24	19	28		7 39	Box
270		1	36	24	29		14 50	SS table
270		1	36	30	27		16 88	SS table
270		1	30	36	46		28 75	SS table

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
270	10823, 10825, + 2	1	27	22	53		18 22	Equip rack
270		1	36	27	29		16 31	Aluminum table
270		1	3	7	10		0 12	Alpha monitor
270		1	36	8	23		3 83	Electr panel
270	36439, 36556, + 2	1	32	25	38		17 59	Inst rack data acquistion
270		1	36			10	1 64	Fire extinguisher
270		1	12	12	8		0 67	Eyewash
270		1	9			12	0 59	Shower
270		1	17	12	12		1 42	Shelf
270		1	62	115	65		268 20	Control panel
270		1	39	20	27		12 19	Table
270	36313	1	22	26	62		20 52	Inst rack-nuclear data
270		37	48	24	8		197 33	Fluorescent light (4 bulb)
270	36313-01	1	50	36	66		68 75	Sputter gun and SS table
270		1	44			24	11 52	Cryogenic container (dewar)
270		1	28			15	2 86	Dewar
270		1	24	10	36		5 00	2V gas graph
270		1	14	9	5		0 36	Electric panel
270		1	22	11	6		0 84	Fire panel
270		1	94	31	41		69 14	Lab sink, 1/2 doors, 1/2 drawers
270		1	1152			0 375	0 07	Copper pipe
270		1	5940			0 75	1 52	Conduit
270		1	1920			0 75	0 49	Iron pipe
270		1	2052			0 75	0 52	Copper pipe, insulated
270		1	384			0 75	0 10	Stainless steel pipe
270		1	9396			1	4 27	Conduit
270		1	3912			1	1 78	Iron pipe
270		1	1188			1	0 54	Copper pipe
270		1	1188			1	0 54	Stainless steel pipe

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
270		1	3912			1 25	2 78	Conduit
270		1	804			1 25	0 57	Stainless steel pipe
270		1	804			1 25	0 57	Iron pipe
270		1	384			1 5	0 39	Fire pipe
270		1	804			1 5	0 82	Iron pipe
270		1	1572			1 5	1 61	Conduit
270		1	768			1 5	0 79	Copper pipe
270		1	1608			2	2 92	Fire pipe
270		1	384			2	0 70	Conduit
270		1	1572			2 5	4 47	Iron pipe
270		1	768			2 5	2 18	Conduit
270		1	1188			2 5	3 37	Fire pipe
270		1	384			4	2 79	Conduit
270		1	804			7	17 91	Stainless steel pipe
270		5	804			0 25	0 11	Copper pipe
270		1	804	18	36		301 50	Air Supply duct
270		1	360	24	36		180 00	Stainless steel air duct
270		1	396	14	24		77 00	Stainless steel air duct
270		1	840	7	16		54 44	Stainless steel air duct
270		1	540	14	24		105 00	Stainless steel air duct
270		1	360	9	24		45 00	Stainless steel air duct
270		1	276	7	24		26 83	Supply duct
270		1	144	16	24		32 00	Supply duct
270		1	144	19	24		38 00	Supply duct
270		49	48	24	8		261 33	Fluorescent lights
					Totals		2604 5	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia	ft³	
228		1	97	30	36		60 63	GB200, w/airlock, plexiface half, lead half, 8 gpw/g
228		1	92	36	31		59 42	GB 199 Pb, welded SS, 4 gp w/g
228		1	80	120	32		177 78	GB 045/190, plexi face, 29 gp w/g, eqiup port
228		1					0 00	Support rack, GB 045/190
228		1	3	7	10		0 12	Alpha monitor, GB 045/190
228		1	24	20	20		5 56	Vacuum pump, GB 045/190
228		1	18	24	24		6 00	3 step rolling ladder, GB 045/190
228		1	55	34	24		25 97	Tank with g and gp, GB 045/190
228		1	72	27	36		40 50	GB 191
228		1	144			2	0 26	GB stand, GB 191
228		1	12	12	32		2 67	Lindberg, GB 191
228		1	8	11	21		1 07	Power box, GB 191
228		1	66	33	32		40 33	GB201, w/airlock, plexi face, pencil port, welded ss, 4
228		1	32	18	18		6 00	Concrete block, GB 201
228		1	22			2	0 04	GB stand, GB 201
228		1	131	33	60		150 10	GB 202, welded ss, plexi face, 3 gp w/g, w/airlock
228		1	324			2	0 59	Gb stand, GB 202
228		1	22	14	15		2 67	Polishing wheel, GB 202
228		1	60	24	1		0 83	Shelf, GB 202
228		1	24	20	20		5 56	Roughing pump
228		1	24	20	20		5 56	Diffusion pump
228		1	48	24	8		5 33	Fluorescent lights
228		1	420			2	0 76	GB stand
228		1	7	12	14		0 68	Inst
228		1	92	30	42		67 08	GB203 w/interlock, plexi face, welded ss, 8 gp w/g, (16"dia)
228		1	20	18	18		3 75	Roughing pump
228		1	30			12	1 96	Sm diff pump
228		1	144			3	0 59	GB stands
228		1	18	13	14		1 90	Temp controller

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia	ft³	
228		1	144			3	0 59	GB stands
228		1	86	48	32		76 44	GB 468 Plexi face, 7 gp w/g, welded SS, 1 eauip port, gp
228		1	3	7	10		0 12	Alpha monitor
228		1	22	16	16		3 26	Voltage control unit
228		1	18	20	18		3 75	Sm vacuum pump
228		1	144			2	0 26	GB stand
228		1	137	39	58		179 34	GB192 w/airlock, plexi face, welded SS, 14 gp w/g, pencil
228		1	12	12	1		0 08	Shelf
228		1	3	7	10		0 12	Alpha monitor
228		6	366			2	3 99	GB stand
228		2	109	2	2		0 50	Angle iron
228		3	39	2	2		0 27	Angle iron
228		1	936			5 00	10 64	Exhaust pipe
228		1	504			2 50	1 43	Exhaust pipe
228		1	1188			3 50	6 61	Exhaust pipe
228		1	1128			9 00	41 53	Exhaust pipe, ss
228		1	168			4 00	1 22	Exhaust pipe
228		1	120			1 50	0 12	Exhaust pipe
228		1	144			12 0	9 42	Exhaust pipe
228		1	16	240	32		71 11	Duct work
228		1	10	468	18		48 75	Duct work
228		1	12	252	24		42 00	Duct work
228		1	18	468	36		175 50	Duct work
228		2	12	144	12		24 00	Duct ss
228		1	8	216	12		12 00	Duct work
228		2	12	144	26		52 00	Duct work
228		1	60	36	32		40 00	Desk
228		1	24	6	72		6 00	Ladder
228		1	15	38	71		23 42	File cabinet

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia	ft³	
228		1	38	30	30		19 79	Desk
228		3	15	13	33		11 17	Bookcase with glass doors
228		1	24	24	36		12 00	Chair
228		1	15	15	4		0 52	Clock
228		9	36	18	74		249 75	Std supply cabinet
228		1	36	18	72		27 00	Supply cabinet
228		1	60	34	31		36 60	Desk with drawers
228		1	20	9	14		1 46	Tool box
228		2	9	8	14		1 17	SAAM
228		1	18	18	18		3 38	Stool
228		3	36	18	78		87 75	Supply cabinet
228		2	19	22	30		14 51	Rolling step ladder
228		1	22	8	17		1 73	Typewriter
228		1	60	31	46		49 51	Desk w/hutch and drawers
228		1	4			15	0 41	Clock
228		1	24	24	70		23 33	Instrument rack
228		1	24	24	70		23 33	Instrument rack
228		1	40	64	35		51 85	Xray equip and stand
228		1	24	26	44		15 89	Instron tensile tester
228		1	22	20	29		7 38	Recording equip
228		1	72	30	36		45 00	Workbench w/wood top
228		1	36			10	1 64	Fire extinguisher
228		1	20	25	32		9 26	Inst rack with wheels
228		1	17	17	19		3 18	Drawer cabinet
228		1	19	12	43		5 67	Controller on wheels
228		1	15	15	10		1 30	Rheostat
228		1	32	32	64		37 93	Xray and stand
228		1	40			24	10 47	Dewar
228		1	24	18	12		3 00	Step

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia	ft³	
228		1	33	21	84		33 69	Inst rack for tensile tester on wheels
228		1	26	22	30		9 93	Inst rack empty
228		1	10	14	19		1 54	Magnet
228		1	16	30	36		10 00	Wall cab w/drawers
228		1	10	18	31		3 23	Clark instrument
228		2	36	48	35		70 00	Work bench with doors and wood top
228		1	27	36	71		39 94	Instr rack
228		1	12	12	8		0 67	Eyewash
228		1	9			12	0 59	Shower
228		1	24	36	26		13 00	Table
228	36357	1	16	24	12		2 67	Textronix eqip
228	36356	1	15	20	40		6 94	Textronix monitor
228	335	1	19	19	6		1 25	XY recorder
228		1	60	30	40		41 67	Workbench with drawers
228		1	27	36	71		39 94	Instr rack
228		1	64	36	40		53 33	Workbench with inst
228		1	3	7	10		0 12	Alpha monitor
228		1	24	23	71		22 68	Inst rack on wheels
228		2	24	26	62		44 78	Inst rack
228		1	58	36	24		29 00	Xray equip (scattering) in plexi box
228		1	13	10	37		2 78	Bottle rack
228		1	39	30	73		49 43	Hood 198 w/instrument, plexiface, welded SS
228		1	19			6	0 31	Vacuum pump
228		1	20	18	18		3 75	Roughing pump
228		1	15	5	48		2 08	Pipe rack
228		2	17	12	12		2 83	Shelf
228		1	24	15	20		4 17	Roughing pump and high vacuuming pump assy
228		1	28	25	29		11 75	Temp control box
228		1	44	32	55		44 81	X ray unit with inst on top

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia	ft³	
228		1	24	48	38		25 33	Table w/wheels
228		1	19	21	7		1 62	Temp recorder
228			20	17	5		0 00	Recorder
228		1	24	20	20		5 56	Large roughing pump
228		3	22	9	10		3 44	Temp control
228		1	60	24	35		29 17	Supply table, wood top, with drawers, w/equip
228		1	12	12	32		2 67	Lindberg
228		1	32	20	8		2 96	Contoller
228		1	18	30	56		17 50	Safelock on wheels
228	36898,36879,36	1	22	25	72		22 92	Electnc panel
228		1	63	39	33		46 92	Power supply
228		1	74	52	62		138 06	Movable cover, plastic, iron frame
228		1	24	33	22		10 08	Misc Xray equip
228		1	30	24	16		6 67	Misc Xray equip
228		1	42	32	34		26 44	SS sheet cover
228		1	20	9	16		1 67	Inst comparator
228		1	14	7	7		0 40	Chart recorder
228		2	28	24	33		25 67	Teletypes
228		1	18	14	30		4 38	Power Conditioner
228		1	27	18	40		11 25	Tool box w/wheels
228		1	35	16	48		15 56	Wall cabinet w/glass doors
228		2	32	22	35		28 52	Rigaku Denki empty
228	36902	1	20	13	7		1 05	Polectrol power controller
228	779-3532-80574-	1	13	15	9		1 02	Omega data logger
228	36127	1	18	22	4		0 92	Recorder (chart)
228		1	18	20	18		3 75	Sm vacuum pump
228		1	19	25	8		2 20	Chart recorder Tektron
228	36895	1	9	13	7		0 47	Recorder circular
228		1	8	13	6		0 36	Inst box

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia	ft³	
228		1	16	20	6		1 11	Electric panel
228		1	18	20	18		3 75	Sm water pump
228	36532	1	32	33	34		20 78	Transformer
228		1	35	20	24		9 72	High volt transformer
228		1	20	28	37		11 99	Rigaku inst
228		1	36			10	1 64	Fire extinguisher
228		1	960			0 38	0 06	Copper pipe
228		1	1068			0 50	0 12	Copper pipe
228		1	2616			0 75	0 67	Conduit
228		1	960			0 75	0 25	Copper pipe
228		1	960			0 75	0 25	Iron pipe
228		1	8448			1 00	3 84	Conduit
228		1	948			1 00	0 43	Copper pipe
228		1	936			1 00	0 43	Insulated Copper pipe
228		1	480			1 00	0 22	Iron pipe
228		1	1416			1 25	1 01	Insulated Copper pipe
228		1	2388			1 25	1 70	Copper pipe
228		1	1920			1 25	1 36	Conduit
228		1	960			1 25	0 68	Stainless steel pipe
228		1	480			1 25	0 34	Iron pipe
228		1	468			1 50	0 48	Iron pipe
228		1	1068			1 50	1 09	Conduit
228		1	2112			2 00	3 84	Fire pipe
228		1	468			2 00	0 85	Iron pipe
228		1	1440			2 00	2 62	Conduit
228		1	2364			2 50	6 72	Stainless steel pipe
228		1	468			3 00	1 91	Conduit
228		1	468			4 00	3 40	Stainless steel pipe
228		1	468			5 00	5 32	Stainless steel pipe

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia	ft^3	
228		1	468			4 00	3 40	Conduit
228		1	480			5 00	5 45	Fire pipe
228		3	16	20	6		3 33	Large fire box
228		3	15	15	15		5 86	Small fire box
228		1	1140			7 00	25 39	Hood exhaust
228		1	30	30	34		17 71	Filter box
228		1	24	12	12		2 00	Steel box
228		1	5	5	5		0 07	Butterfly valve
228		1	6	1056	3		11 00	Buss bar
228		1	312			2 50	0 89	Stainless steel pipe
228		1	2 5	2 5	2 5		0 01	Gate valve
228		1	2 5	2 5	2 5		0 01	Pressure valve
228		1	96			8 00	2 79	Hood exhaust
228		1	48	30	30		25 00	Filter box
228		1	30	30	38		19 79	Filter box
228		1	27	22	34		11 69	Transformer
228		1	12	12	6		0 50	Fire alarm
228		2	8	9	7		0 58	Transformer
228		1	20	44	6		3 06	Service panel
228		17	16	96	8		120 89	Fluorescent light
228		4	16	96	8		28 44	Fluorescent light
					Totals		3622 0	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
222		1	74	34	39		56 78	GB-371, 6 gp w/g, Pb, welded SS
222		1	41	35	22		18 27	GB 105 Pb, 2 gp w/g, welded SS
222		1	98	40	44		99 81	GB 989/990, welded together, Pb, 16 gp w/g
222		1	125	50	40		144 68	GB Number unknown, welded ss, Pb, 17 gp w/g
222		1	112	36	36		84 00	GB 230, Pb, welded ss, 10 gp w/g
222		1	89	40	28		57 69	GB 992, Pb, welded ss, 5 gp w/g
222		1	89	28	40		57 69	GB 991, Pb, welded ss, 5 gp w/g, 12"dia bag in port, drop in port
222		1	36	18	78		29 25	Supply
222		1	21	17	21		4 34	Bagout port w/gp
222		1	13	16	18		2 17	Box below
222		1	11	14	7		0 62	HEPA filter
222		1	9	9	6		0 28	Variable controller
222		1	12	20	20		2 78	Vacuum pump
222		1	20	20	38		8 80	"int-cont" assy
222	00035834-01	1	19	18	24		4 75	Airlock
222	00035834-02	1	18	18	19		3 56	Box
222		1	60	50	36		62 50	GB-460, plexi face 9 gp w/g, equip port
222		1	73	36	30		45 63	GB-975 Plexi face, 4 gp w/g, welded SS
222		1	100	36	40		83 33	GB 976/977 welded together Pb, 976-8 gp a/gloves, 17"dia equip
222		1	19			18	2 80	Bag out port
222		1	16			11	0 88	Bag out port
222		1	36	27	37		20 81	GB-980, plexi face hood, no g/p, welded SS
222		1	8	18	10		0 83	Vacuum pump
222		1	52	32	37		35 63	GB-981 Internal, plexi face 6 wd/gp, welded ss
222		1	19	22	22		5 32	Airlock
222		1	18	24	16		4 00	Vacuum pump
222		1	12	12	6		0 50	Pressure gauge
222		1	36			7	0 80	Diaphragm assy

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
222		1	8	13	4		0 24	Alpha monitor
222		2	10			6	0 33	Filters
222		3	32			8	2 79	Crit drain
222		1	18	24	20		5 00	Vacuum pumps
222		1	18	24	20		5 00	Vacuum pumps
222		1	28	18	4		1 17	Angle iron step
222		2	7	9	6		0 44	Variable controls
222		1	3	7	10		0 12	Alpha monitor
222		1	144			3	0 59	GB stand
222		2	2	2	75		0 35	Angle iron
222		2	2	2	36		0 17	Angle iron
222		1	37	37	28		22 18	GB 982, plexi face w/2 gp w/g
222		1	21	23	19		5 31	Airlock
222		1	7	9	6		0 22	Variable control
222		1	32	12	4		0 89	Meter plate
222		1	18	24	20		5 00	Vacuum pump
222		1	34	4	5		0 39	Gas valve rack
222		4	38			2 5	0 43	GB stand
222		1	72	29	36		43 50	GB 983 plexi face, smooth welded, 4 gp w/g, crit drain
222		2	10			5	0 23	Cartridge filters
222		1	28	12	22		4 28	Control box under
222		1	3	7	10		0 12	Alpha monitor
222		1	18	18	21		3 94	Airlock
222		2	18	24	18		9 00	Vacuum pump
222		1	19	24	22		5 81	Airlock
222		1	6	8	8		0 22	Switches
222	36112	1	19	15	30		4 95	Thermac
222	36111	1	19	15	30		4 95	Thermac

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
222		2	5	6	10		0 35	Pump switches
222		1	18			18	2 65	Cylinder under GB 989
222		1	12	20	4		0 56	Gage controller
222		1	6	7	7		0 17	Box
222		1	3	7	10		0 12	Alpha monitor
222		1	60			3	0 25	Drain pipe
222		1	192			1	0 09	Conduit
222		1	19	16	7		1 23	Varian gage
222		1	33	16	1		0 31	Shelf
222		2	15			2	0 05	Insulating jackets
222		1	7	6	8		0 19	Vacuum gage
222		1	15	24	16		3 33	Vacuum pump
222		1	28	12	22		4 28	Variable control box
222		1	252			2	0 46	GB stand
222		1	180	2	2		0 42	GB angle iron
222		1	4	2	288		1 33	GB stand
222		1	4	2	192		0 89	GB stand
222		1	4	2	192		0 89	GB stand
222		1	4	2	320		1 48	GB stand
222		1	29	31	32		16 65	Airlock
222		1	39	36	28		22 75	Vacuum box
222		1	60	52	56		101 11	GB 985, 2 gp w/g, 14" dia equip port, plexi face, welded ss
222		1	12	18	20		2 50	Vacuum pump
222		1	336			2	0 61	GB stand
222		1	2	2	192		0 44	GB stand angle iron
222		1	168			1 5	0 17	Cool water pipe
222		1	144			1 5	0 15	Cool water return pipe
222		1	240			1 5	0 25	House vacuum

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
222		1	24	6	30		2 50	Spill kit
222		1	18			8	0 52	Diaphragm valve assy
222		1	61	52	76		139 51	GB 986, plexi face, painted interior, 12 gp w/o gloves, 121" equip
222		2	11	11	7		0 98	HEPA filters
222		1	17	18	18		3 19	Box
222		1	11	9	15		0 86	O2 analyzer
222		2	12	24	18		6 00	Vac pump
222		1	10	24	10		1 39	Vac pump shelf
222		1	8	7	18		0 58	Power switch
222		1	312			1	0 14	Conduit
222		1	32			8	0 93	Crit drain
222		13	27	40	45		365 63	Airlock w/gp
222		1	40			2	0 07	GB stand
222		2	26	36	36		39 00	Supply cabinet under GB
222		1	18	24	18		4 50	Vacuum pump
222		1	19	16	10		1 76	Energy pac hydraulic pressure pump
222		1	9	8	14		0 58	SAAM
222		1	17	12	12		1 42	Shelf
222		1	15	22	12		2 29	Furnace recorder
222		1	70	30	29		35 24	GB 017 iron w/ss inside, 2 gp w/o g, w/bagout port, equipment
222		1	42	28	35		23 82	Controller under GB on wheels
222		1	2	2	329		0 76	GB rolling stand with wheels
222		1	564			14	50 24	Glove box exhaust
222		1	180			10	8 18	Glove box exhaust
222		1	216			4	1 57	Glove box exhaust
222		1	552			2 25	1 27	Glove box exhaust
222		1	1032			2	1 88	Glove box exhaust
222		1	84			1 5	0 09	Glove box exhaust

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
222		1	408			8	11 87	Glove box exhaust
222		1	696			5	7 91	Glove box exhaust
222		1	12	12	12		1 00	Vacuum valve
222		2	8	8	8		0 59	Vacuum valve
222		1	33	13	15		3 72	Bookshelf
222		1	24	6	96		8 00	Ladder
222		1	9	8	14		0 58	SAAM
222		1	14	12	12		1 17	Shelf
222		1	24	24	36		12 00	Chair
222		1	26	74	22		24 50	3 step
222		1	24	6	72		6 00	6' Ladder
222		1	24	12	25		4 17	2 chart recorder and table
222		1	37	35	41		30 73	Hood 105 w/2 gp w/g, sliding plexi panels
222		1	22	22	4		1 12	Square port
222		1	29	36	42		25 38	Hood 555 w/HEPA and sq port
222		1	54	36	38		42 75	Lab bench w/drawers 2 pieces
222		1	54	36	38		42 75	Lab bench w/drawers 2 pieces
222		1	48	24	29		19 33	Blue cart carrier
222		1	10	84	1		0 49	Shelf (crush to 1")
222		1	48	25	31		21 53	Wood angle table (crush)
222		1	16	25	31		7 18	Wood angle table (crush)
222		3	24	24	8		8 00	Lights
222		1	36			10	1 64	Fire extinguisher
222		1					0 00	Telephone guard
222		1	48	24	29		19 33	Rolling blue carts
222		1	48	24	72		48 00	Heavy supply cabinet
222		1	40	20	66		30 56	Equip shelf
222		1	26	10	36		5 42	Bottle rack

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
222		1	36			10	1 64	Fire extinguisher
222		1	34	20	49		19 28	Painted ss, workbench with cabinet
222		1	24	28	65		25 28	Electronic cabinet on wheels
222		1	10	8	18		0 83	Recorder
222		1	36	27	46		25 88	Rolling bottle rack
222		1	24	72	37		37 00	Cabinet with drawers
222		1	24	16	31		6 89	Transformer
222		1	23	36	36		17 25	Cabinet with doors
222		1	22	27	41		14 09	Rolling inst cabinet
222		1	480			0 38	0 03	Copper pipe
222		1	480			0 5	0 05	Copper pipe
222		1	960			0 5	0 11	Copper pipe
222		1	480			0 5	0 05	Stainless steel pipe
222		1	3840			0 75	0 98	Iron pipe
222		1	2880			0 75	0 74	Conduit
222		1	960			1	0 44	Stainless steel pipe
222		1	1440			3	5 89	Stainless steel pipe
222		1	960			2 5	2 73	Conduit
222		1	6240			1	2 84	Conduit
222		1	960			1	0 44	Iron pipe
222		1	1440			1 25	1 02	Stainless steel
222		1	960			1 25	0 68	Conduit
222		1	480			1 25	0 34	Iron pipe
222		1	1920			1 25	1 36	Copper pipe, insulated
222		1	1440			1 25	1 02	Fire pipe
222		1	1920			1 50	1 96	Conduit
222		1	960			1 50	0 98	Copper pipe, insulated
222		1	480			2	0 87	Stainless steel

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
222		1	480			4	3 49	Conduit
222		1	30	40	30		20 83	Filter box
222		2	480	6	3		10 00	Buss bar
222		1	636			4 5	5 85	Stainless steel
222		1	480			3 5	2 67	Stainless steel
222		4	16	20	6		4 44	Fire box
222		4	15	15	5		2 60	Fire box
222		1	96	26	14		20 22	Return air duct
222		1	372	34	14		102 47	Return air duct
222		1	12	24	20		3 33	Heat exchanger
222		1	120	24	12		20 00	Duct work
222		1	1080			0 25	0 03	Stainless steel pipe
222		1	96			0 375	0 01	Stainless steel pipe
222		1	708			0 5	0 08	Stainless steel pipe
222		1	588			0 5	0 07	Copper pipe
222		1	2664			0 75	0 68	Iron pipe
222		1	1152			0 75	0 29	Conduit
222		1	300			0 75	0 08	Copper pipe
222		1	240			0 75	0 06	Stainless steel
222		1	1140			1	0 52	Conduit
222		1	120			1	0 05	Iron pipe
222		1	240			1	0 11	Stainless steel pipe
222		1	204			1 25	0 14	Conduit
222		1	120			1 25	0 09	Iron pipe
222		1	336			1 5	0 34	Copper pipe
222		1	168			1 5	0 17	Stainless steel
222		1	120			2	0 22	Conduit
222		1	216			2 75	0 74	Conduit

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
222		1	36			3	0 15	Iron pipe
222		1	72			3 5	0 40	Conduit
222		1	168			4	1 22	Stainless steel
222		1	144			0 5	0 02	Insulated Copper pipe
222		1	384	24	36		192 00	Duct work
222		1	360	10	16		33 33	Duct work
222		1	168	12	24		28 00	Duct work
222		1	336	24	60		280 00	Duct work
222		1	120	12	30		25 00	Duct work
222		1	420	10	20		48 61	Duct work
222		1	120	24	50		83 33	Duct work
222		2	6	10	24		1 67	Power boxes
222		2	7	12	5		0 49	J boxes
222		1	15	24	6		1 25	J boxes
222		1	6	8	14		0 39	Transformer
222		1	20	30	30		10 42	Filter box
					Totals		3286 9	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
222A		1	240			14	21 38	Stainless steel hood vents
222A		1	540			3 5	3 01	Stainless steel hood vents
222A		1	576			5	6 55	Stainless steel hood vents
222A		1	396			2 5	1 12	Stainless steel hood vents
222A		1	240			0 75	0 06	Stainless steel
222A		1	720			0 75	0 18	Iron pipe
222A		1	240			0 75	0 06	Copper pipe Insulated
222A		1	240			0 75	0 06	Copper pipe
222A		1	1440			1	0 65	Conduit
222A		1	240			1	0 11	Stainless steel
222A		1	480			1 25	0 34	Copper pipe Insulated
222A		1	240			1 25	0 17	Iron pipe
222A		1	504			1 25	0 36	Stainless steel
222A		1	720			1 5	0 74	Copper pipe Insulated
222A		1	240			1 5	0 25	Stainless steel
222A		1	240			2	0 44	Conduit
222A		1	480			2	0 87	Fire pipe
222A		1	480			2	0 87	Stainless steel
222A		1	240			2	0 44	Copper pipe Insulated
222A		1	240			2 5	0 68	Stainless steel
222A		1	240			3	0 98	Stainless steel
222A		1	240			4	1 75	Fire pipe
222A		8	8	8	8		2 37	Gate valves
222A		1	12	12	12		1 00	Filter box
222A		1	12	15	12		1 25	Filter box
222A		1	12	12	12		1 00	Breather valve
222A		2	8	8	8		0 59	Pressure release valve
222A		6	12	12	12		6 00	Filter boxes

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
222A		2	12	12	12		2 00	Pressure release valve
222A		1	168			2	0 31	Stainless steel PIPE
222A		18	96	24	8		192 00	Fluorescent light
222A		2	48	12	8		5 33	Fluorescent light
222A		1	48	16	8		3 56	Fluorescent light
222A		1	14	14	8		0 91	Breaker
222A		1	3	14	8		0 19	Air filter
222A		1	180			7	4 01	Stainless steel pipe
222A		1	120			2	0 22	Fire pipe
222A		1	96			0 75	0 02	Conduit
222A		1	120			1 25	0 09	Conduit
222A		1	48			0 75	0 01	Insulated Copper pipe
222A		1	48			0 375	0 00	Stainless steel tubing
222A		1	168			1 25	0 12	SS pipe
222A		1	168			3 5	0 94	SS pipe
222A		1	120			1	0 05	Conduit
					Totals		263 0	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft³	
220		1	72	44	37		67 83	GB-462 8 gb, Pb glass front
220	00035965-00	1	48	42	34		39 67	Glovebox 974, 3 gp
220		1	93	34	40		73 19	GB-463, 3 gp, half SS, half plexi
220	35835	1	24	24	24		8 00	Airlock
220		1	12	22	12		1 83	Filter box
220		1	144			3	0 59	GB stand
220		2	18	12	8		2 00	Small fluorescent light
220		2	12	6	12		1 00	Pressure gage
220		1	18	18	18		3 38	Airlock
220		1	12	12	12		1 00	Filter box
220		1	13	6	6		0 27	Variable motors
220		1	12	24	18		3 00	Vacuum pump
220	35959	1	18	24	20		5 00	Compressor
220		1	52	7	6		1 26	Gas manifold
220		1	72	2	2		0 17	Channel
220		1	12	20	20		2 78	SS Return Duct
220		1	10	14	96		7 78	SS REturn Duct
220		1	300			10	13 64	SS
220		1	960	24	40		533 33	Duct
220		1	144	12	30		30 00	Duct
220		1	360	10	16		33 33	Duct
220		1	288			2	0 52	GB stands
220		3	36	10	3		1 88	Bottle rack
220		1	24	8	84		9 33	7' step ladder
220	3809	4	36	18	78		117 00	supply cabinet
220	3805	1	31	12	28		6 03	Wall cabinet with glass doors
220	00036769-00	1	23	25	79		26 29	Instrument Cabinet, 36013,2299
220	00036013-00	1	30	24	84		35 00	Instrument Cabinet w/Chart Recorder

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
220	00035837-00	2	47	34	84		155 36	Hood
220		1	60			24	15 71	Cryogenic Container
220		1	13	15	15		1 69	Oven A
220	3811	1	48	23	37		23 64	Cabinet with drawers
220	35966	1	12	19	17		2 24	Mettler balance
220		1	35	25	31		15 70	Marble Table
220	3810	1	23	36	35		16 77	Cabinet with drawers
220	2614	1	30	12	17		3 54	Vacuum pump
220		1	18	14	23		3 35	Blue M Oven
220		1	24	14	14		2 72	Vacuum pump
220		1	23	35	36		16 77	Cabinet
220		1	73	36	31		47 15	Bench 1/2 drawers
220		1	28	12	12		2 33	Motor apparatus
220	36236	1	16	15	9		1 25	Frigomix
220		1	6	5	5		0 09	Thermomix
220		1	23	22	31		9 08	Chart recorder box
220		1	36	48	36		36 00	Hood
220		1	36	28	8		4 67	Wall cabinet with glass doors
220		1	60	24	36		30 00	1/2 drawer workbench
220		1	13	13	9		0 88	Tray
220		1	60	12	10		4 17	Shelf
220		1	30	30	47		24 48	Air Filter Box
220		1	6			6	0 10	Magnahelix
220		1	15	15	5		0 65	Electric Box
220		1	16	20	6		1 11	Electric Box
220		2	528			2	1 92	Hood stand
220		2	264	2	2		1 22	Hood stand angle iron
220		1	288			1 25	0 20	1 1/4" Copper pipe

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
220		1	120			1 5	0 12	1 1/2 Copper pipe
220		1	240			2 5	0 68	2 1/2 SS
220		1	15	22	27		5 16	Junction Station
220		1	4	144	4		1 33	Angle iron
220		1	456			3	1 87	Conduit
220		1	456			3	1 87	Cu insul
220		1	456	3	2 5		1 98	Cu insul
220		1	456	2	1 25		0 66	Conduit
220		1	456			1	0 21	Conduit
220		1	456			0 75	0 12	Copper
220		1	456	2	1		0 53	Conduit
220		1	456	2	0 75		0 40	Conduit
220		1	456	2	1 25		0 66	Cu insulated
220		1	456			0 75	0 12	Iron piping
220		4	216	4	0 75		1 50	Iron piping
220		1	216			1	0 00	Copper piping
220		1	360			0 75	0 09	Copper piping
220		1	840			0 75	0 21	Copper piping
220		1	384			3	1 57	SS
220		1	240			7	5 35	SS
220		1	264			2	0 48	SS
220		1	36			16	4 19	Cu heat exchange, 16 tubes
220		2	240	2	0 25		0 14	Cu insul
220		1	240			1	0 11	Iron piping
220		1	240			0 75	0 06	Iron piping
220		1	240			2	0 44	Cu insul
220		1	240			2	0 44	SS
220		1	240			3	0 98	SS

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
220		1	240	2	0 5		0 14	Copper piping
220		1	240	2	2		0 56	SS
220		1	240			1 5	0 25	SS
220		1	240			0 75	0 06	Conduit
220		1	240			1 5	0 25	SS
220		1	240			1 25	0 17	Fire
220		1	240			1 25	0 17	Conduit
220		1	240	2	3		0 83	Conduit
220		1	240			2	0 44	Conduit
220		1	240			0 75	0 06	Copper piping
220		1	240	2	0 375		0 10	Copper piping
220		1	240			1	0 11	Conduit
220		1	240			1 25	0 00	Fire
220		1	240	2	6		1 67	Electric Bus
220		1	36			10	1 64	Fire extinguisher
220		1	18		4	28	6 41	Step (angle iron assy)
220		1	15		15	22	3 30	Vacuum pump
220	36769	1	22		61	26	6 76	Instrument rack
220	35922	1	14		10	8	0 41	Manometer
220		1	17	12	26		3 07	SAAM and shelf
220		1	48			24	12 57	Compressor assy
220		1	24	19	45		11 88	Instrument rack
220	2296	1	23	24	60		19 17	Instrument rack
220		1	22	25	46		14 64	Instrument rack
220		1	49	26	36		26 54	Sink
220		1	12	12	8		0 67	Eyewash
220		3	23	6	0 25		0 06	Shelves
220		1	12	6	8		0 33	Paper towel holder

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
220		1	15	49	6		2 55	Pipe holder
220		1	3	7	10		0 12	Alpha monitor
220		1					0 00	Large Fluorescent
220		1	18	12	10		1 25	Vacuum pump
					Totals		1595 3	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
218	35846	1	96	48	78		208 00	Hood w/sliding glass doors, thin steel, hoods
218		1	40	24	48		26 67	Hood
218		1	32			8	0 93	1 crit drain, hoods
218		1	27	10	12		1 88	Compressor, hoods
218		1	18	24	10		2 50	Vacuum pumps, hoods
218		1	8	11	11		0 56	Exit HEPA, hoods
218		1	10	4	10		0 23	HEPA, hoods
218	35794	1	8	11	11		0 56	Exit HEPA, hood 971
218		1	22	7	54		4 81	Pipe config, hood 971
218		1	10	14	16		1 30	Mixing bowl, hood 971
218		1	7	12	16		0 78	EG&G Var inst , hood 971
218		1	7	11	4		0 18	Mettler balance, hood 971
218		2	16	24	27		12 00	Vacuum pumps, hood 971
218		1	6			4	0 04	Motor controls, hood 971
218		1	22	7	7		0 62	Coil assy, hood 971
218		1	22	32	54		22 00	Apparatus, hood 971
218		1	22	15	72		13 75	Plexi cylinder storage, hood 971
218		1	624	2	2		1 44	2" sq hollow channel, hood 971
218		1	32			8	0 93	1 crit drain, hood 971
218		1	11	20	8		1 02	Vacuum pump, hood 971
218		1	18	18	18		3 38	Bagout port, hood 971
218		1	10	10	7		0 41	HEPA, hood 971
218		2	12	6	6		0 50	Variable meter, hood 971
218		1	14	8	7		0 45	Mixer, hood 971
218		1	6	5	4		0 07	Controller, hood 971
218		1	18	24	0 25		0 06	Steel plate, 25" thick, hood 971
218		1	86	30	36		53 75	971 hood, 4 gp, ss bolted, plexi front on 3/4, hood 971
218		1	108	2	2		0 25	Angle iron, hood 971

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
218		1	36	8	8		1 33	Compressor, hood 971
218		1	312			10	14 18	Stainless
218		1	840	10	14		68 06	Duct
218		1	576	22	48		352 00	Duct
218		1	132	14	8		8 56	Return air duct
218		1	96	10	24		13 33	Duct
218		1	9	8	14		0 58	SAAM
218		1	24	18	58		14 50	3 step stool
218		1	24	24	36		12 00	Chair
218		1	24	24	48		16 00	Stool
218		2	36			10	3 27	Fire Extinguisher
218		1	30	30	42		21 88	Steel Filter Box
218		2	15	20	6		2 08	Magnahelix
218		1	18	15	6		0 94	Fuse box
218		1	9			12	0 59	Safety shower
218		2	20	16	6		2 22	Boxes
218		2	15	15	5		1 30	Boxes
218		1	14	14	10		1 13	Transformer
218		1	30	30	30		15 63	Filter Box
218		9	96	18	8		72 00	3 bulbs-fluorescent light
218		1	48	18	8		4 00	3 bulbs-fluorescent light
218		1	96	12	8		5 33	2 bulbs-fluorescent light
218	3820	1	40	66	18		27 50	Supply cabinet with drawers
218		1	22	9	15		1 72	Box
218		1	18	18	23		4 31	Photochemical reactor
218		1	17	42	2		0 83	Shelf
218		1	116	13	2		1 75	Shelf
218		1	15	10	16		1 39	Shelf

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
218		1	24	22	36		11 00	Drawers
218	3819	1	22	95	36		43 54	Supply drawers
218	3821	1	22	35	35		15 60	Drawers
218		1	7	7	6		0 17	Exhaust box, D hoods
218		2	36	30	32		40 00	D hood, 2 gp
218		1	24	12	12		2 00	Vacuum pump, D hoods
218		1	24	12	12		2 00	Vacuum pump, D hoods
218		1	4			0 5	0 00	SS tubing, D hoods
218		10					0 00	Swagelock valves, D hoods
218		1	36			10	1 64	Fire extinguisher
218		1	24	10	3		0 42	Bottle racks
218		2	48	10	3		1 67	Bottle racks
218		2	36	10	3		1 25	Bottle racks
218		1	18	24	21		5 25	Cylinder storage cabinet
218	31252	1	60	40	95		131 94	Gamma cell, 220 irradiator
218	45265	1	62	29	50		52 03	Mounted on table
218	36520	1	24	24	28		9 33	Power supply
218	17477	1					0 00	Mass spec with instruments, 2328,36540,271
218		1	48	22	22		13 44	Electric Oscilloscope
218	2142	1	19	19	5		1 04	Oscilloscope
218		1	21	25	74		22 48	Instrument cabinet w/2257, 10399
218		1	23	19	32		8 09	B oven gravity
218		2	456			0 75	0 23	Copper pipe
218		2	216			0 75	0 11	Copper pipe
218		1	216			1 5	0 22	Fire pipe
218		2	456			1 25	0 65	Copper insulated pipe
218		3	216			1 25	0 46	Copper insulated pipe
218		1	120			4	0 87	SS pipe

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
218		2	216			4	3 14	SS pipe
218		9	216			0 75	0 50	IP pipe
218		1	216			2 5	0 61	Steel pipe
218		1	216			5	2 45	Steel pipe
218		1	216			2 5	0 61	Steel pipe
218		3	216			4	4 71	SS pipe
218		2	456			4	6 63	SS pipe
218		3	216			2 5	1 84	SS pipe
218		1	216			2	0 39	IP pipe
218		4	456			1 25	1 30	IP pipe
218		5	216			1 25	0 77	IP pipe
218		3	216			0 5	0 07	SS pipe
218		2	216			2	0 79	Fire pipe
218		2	216			4	3 14	Conduit
218		1	216			2 5	0 61	Conduit
218		2	216			3	1 77	Conduit
218		4	456			1	0 83	Conduit
218		3	216			1	0 29	Conduit
218		1	216			1	0 10	SS pipe
218		1	216			0 75	0 06	SS pipe
218		1	456			1	0 21	Copper pipe
218		1	216			1	0 10	Copper pipe
218		1	216			4	1 57	Fire pipe
218		1	456			2 5	1 30	Fire pipe
218		1	456			2	0 83	SS pipe
218		1	456			1	0 21	Insulated copper
218		1	456			1 25	0 32	SS pipe
218		1	456			1 25	0 32	Conduit

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft3	
218		2	6	2	216		3 00	Electric lines
218		1	576			1	0 26	Conduit
218		1	636			7	14 16	Stainless
218		1	120			5	1 36	Copper
218		5	120			2 5	1 70	Copper
218		1	120			2	0 22	Copper
218		2	120			3	0 98	Copper
218		1	120			1 25	0 09	Copper insulated
					Totals		1450 2	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
								Room 118 is a dumb waiter with no equipment

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
119		1	48	24	8		5 33	4 bulb - fluorescent light
119		1	14	168	54		73 50	Wood respirator stand
119		1	96			0 75	0 02	Conduit
119		2	6	6	4		0 17	Boxes
119		1	36	48	0 5		0 50	Chalk/cork board
119		1	192			0 75	0 05	SS
119		1	36	30	6		3 75	Fire hose box
119		1	84			3	0 34	Fire line
119		1	120			0 75	0 03	Iron pipe
119		1	1344			1 25	0 95	Fire line
					Totals		84 7	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
124		1	66	36	20		27 50	Lockers
124		1	16	6	3		0 17	Emergency Light
124		1	72	36	24		36 00	Vertical Cabinet
124		1	78	36	24		39 00	Vertical Cabinet
124		1	48	12	12		4 00	Vertical Cabinet/Contents
124		1	60	54	36		67 50	Desk
124		1	60	54	36		67 50	Desk
124		1	18	30	36		11 25	Small Desk Metal
124		15	48	12	60		300 00	Metal Box Lockers
124		1	36	48	1		1 00	White Board
124		1	12	12	60		5 00	Coat Tree
124		1	36	60	1		1 25	Card Board
124		6	24	30	36		90 00	Office Chairs
124		1	48	60	6		10 00	Wall Chart Glass Framed
124		1	120	8	1		0 56	Chair Rails, SS
					Totals		660 72	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
125		1	28	34	72		39 67	Work bench
125		1	30	36	72		45 00	Work bench
125		1	11	24	72		11 00	Shelf on bench
125		8	48	24	8		42 67	Lights, 4 bulbs each
125		6	18	78	36		175 5	Cabinet
125		1	15	25	56		12 15	File cabinet
125		1	24	29	54		21 75	Desk
125		3	24	24	36		36 00	Chairs
					Totals		383 74	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
128		1	54	18	24		13 50	Safe Locker
128		1	60	48	36		60 00	Desk
128		1	42	24	36		21 00	Desk
128		1	30	30	36		18 75	Office Chair
128		1	12	30	30		6 25	Card Board Boxes
128		1	18	48	48		24 00	File Cabinet Horte
128		1	12	12	6		0 50	Desk Lamp
128		1	18	18	24		4 50	Paper Shredder Metal
128		1	24	48	1		0 67	Cork Board
128		1	30	30	36		18 75	Office Chair Cloth
128		1	36	36	24		18 00	Desk
128		1	48	36	24		24 00	File Cabinet
128		1	48	18	36		18 00	Safe
					Total		227 92	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
								Room 129 is a stairwell with no equipment

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
130		1	168	6	12		7 00	Duct
130		1	18	36	78		29 25	Metal Storage Rack
130		1	15			2	0 03	Metal Storage Rack/Contents
130		1	18	18	18	Clean	3 38	Mop Pail
130		6	12	12	12		6 00	Mops and Brooms
130		1	9	12	18		1 13	Towel Dispenser
130		1	30	24	3		1 25	Vacuum Cleaner With Hose
130		1	480			2	0 87	PVC pipe
130		1	168	34	36		119 00	Sink
130		1	18	20	20		4 17	Sump
130		1	192			1 5	0 20	Fire line
130		1	192			1	0 09	Conduit
130		1	168			0 5	0 02	Copper insulated
130		1	168			0 5	0 02	Copper insulated
130		1	24			2	0 04	Copper
130		1	14	14	14		1 59	Incandescent light
					Totals		174 0	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
132		1	36	18	74		27 75	Storage cabinet
132		5	13	15	33		18 62	Stacking shelves
132		2	24	9	9		2 25	Tool boxes
132		3	24	24	36		36 00	Chairs
132		1	28	34	72		39 67	Work bench
132		1	30	36	72		45 00	Work bench
132		1	35	53	29		31 13	Foreman table
132		1	30	30	48		25 00	Hand/foot monitor
132		1	12	10	21		1 46	Single fire tansformer
132		2	9	6	13		0 81	Single fire box
132		6	48	24	8		32 00	Lights, 4 bulbs each
					Totals		259 7	

134		1	43	18	45		20 16	Flammable Cabinet CCS# 3068
134		1	43	18	65		29 11	Flammable Cabinet CCS# 3069
134		1	36	26	44		23 83	Flammable Cabinet CCS#
134		1	18	36	78		29 25	Supply Cabinet
134		1	18	36	78		29 25	Supply Cabinet
134		1	18	36	78		29 25	Supply Cabinet
134		1	56			20	10 18	Stainless steel cylindrical nitrogen Tank
134		4	24	48	6		16 00	Fluorescent lights 4 bulb
134		1	72			1 5	0 07	Conduit
					Totals		187 1	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
135		1	18	28	58		16 92	File Cabinet
135		1	15	28	58		14 10	File Cabinet
135		1	16	14	20		2 59	SAAM Shelf
135		5	36	13	42		56 88	Wall cabinets
135		1	26	13	42		8 22	Wall cabinets
135		1	8	5	10		0 23	J-box
135		4	48	24	8		21 33	Fluorescent lights
					Totals		120 3	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
136		2	24	24	36		24 00	Chairs
136		1	36	60	36		45 00	Desk
136		1	36	60	36		45 00	Desk
136		1	30	18	48		15 00	5 drawer File cabinet
136		1	60	11	22		8 40	Desk shelf
136		2	36	12	42		21 00	Wall mounted Bookcase
136		2	48	12	36		24 00	Wall mounted Cabinet
136		2	17	30	27		15 94	2 drawer Safe
136		2	17	30	56		33 06	4 drawer safe
136		4	48	24	8		21 33	Fluorescent lights
					Totals		252 7	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
138		5	36	18	85		159 38	Metal Storage Racks
138		1	24	24	12		4 00	Metal Storage Rack 1/Contents
138	00034309-00	1	18	12	6		0 75	Metal Storage Rack 2/Contents
138		1	12	9	4		0 25	Metal Storage Rack 2/Contents
138		1	12	12	6		0 50	Metal Storage Rack 2/Contents
138	00034329-00	1	12	18	12		1 50	Metal Storage Rack 2/Contents
138	00032268-00	1	12	12	6		0 50	Metal Storage Rack 4/Contents
138		2	24	24	24		16 00	Metal Storage Rack 4/Contents
138		1	24	24	24		8 00	Metal Storage Rack 4/Contents
138		1	28			18	4 12	Metal Storage Rack 4/Contents
138		1	14	6	16		0 78	J-box
138		1	12	18	6		0 75	Metal Storage Rack 4/Contents
138		1	12	18	12		1 50	Metal Storage Rack 4/Contents
138		1	15			18	2 21	Metal Storage Rack 4/Contents
138		1	36	22	78		35 75	Storage Rack
138		1	11	13	5		0 41	Power supply
138		1	7	7	9		0 26	S/L Instrument
138		2	7	4	7		0 23	Volt boxes
138		1	5	17	13		0 64	Cole Parmer box
138		2					0 00	Fluorescent lights
					Totals		237 5	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
								Room 143 is an airlock with no equipment

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
								Room 144 is an elevator shaft with no equipment

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
145		1	24	12	12		2 00	Transformer T1-1C1
145		1	36	24	36		18 00	Desk
145	00031328-00	1	12	24	12		2 00	Instrument
145		1	12	36	48		12 00	Book Shelves
145		1	24	12	12		2 00	Calorimeter Machine
145		1	12	60	30		12 50	Storage Cabinet
145		1	24	24	48		16 00	Storage Cabinet
145		1	36	24	60		30 00	Vertical Cabinet
145		2	18	12	12		3 00	Pumps
145		3	60	12	12		15 00	Portable Air Monitor
145		1	36	24	78		39 00	Storage Cabinet
145		1	24	24	36		12 00	Chair
145		2	18	24	30		15 00	Combo
					Total		178 50	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
146		2	36	18	72		54 00	Supply cabinets
146		1	24	24	36		12 00	Chairs
146		1	24	6	30		2 50	Spill kit
146		2	24	36	3		3 00	Corkboard
146		2	48	36	3		6 00	Corkboard
146		1	48	36	3		3 00	White board
146		1	76	2	66		5 81	Orange cloth partition
145		1	36	2	66		2 75	Orange cloth partition
146		1	60	2	66		4 58	Orange cloth partition
146		2	60	16	12		13 33	Steel shelf
146		1	60	40	16		22 22	Electrical panel S779-1
146		1	48	13	17		6 14	Electrical panel 371-163-000
146		1	36	25	79		41 15	Supply cabinet
146		1	60	11	14		5 35	Wood shelf
146		1	16	6	14		0 78	Alpha monitor tray
					Totals		6 1	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
147		1	4			15	0 41	Clock
147		4	42	24	8		18 67	Fluorescent light
					Totals		19 1	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
								Room 148 is an airlock with no equipment

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
								Room 149 is a hallway with no equipment

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
151		1	60	34	31		36 60	Desks
151		1	72	4	3		0 50	White board
151		2	24	36	1		1 00	Cork boards
151		1	28	18	30		8 75	Misc computer equip
151		1	36	24	3		1 50	White board
151	0000271200	1	11	12	12		0 92	Display CCTV 12 Inch BW
151		1	36	20	37		15 42	Rolling tool box
151		1	19	11	19		2 30	Shelf
151		1	19 5	29	29		9 49	Safe
151		1	30	17	52		15 35	Safe
151		1	12	12	12		1 00	Sm electric equip
151		1	22	11	11		1 54	Can handles (6)
151		1	23	25	33		10 98	Rolling blue cart
151		1	12	8	3		0 17	Key box
151		1	30	30	48		25 00	Total hand/monitor
151		1	96			1	0 04	Conduit
151		1	96			1 25	0 07	Conduit
151		1	96			1	0 04	Conduit
151		1	72			0 75	0 02	Conduit
151		1	96			0 13	0 00	Copper tubing
151		1	2592			1	1 18	Conduit
151		1	168			3	0 69	Fire
					Totals		132 5	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft³	
159		1	8	24	96		10 67	Duct
159		1	10	24	72		10 00	Duct
159		1	12	24	72		12 00	Duct
159		1	12	6	216		9 00	Return air stainless steel
159		1	6	16	180		10 00	Return air stainless steel
159		1	6	20	96		6 67	Return air stainless steel
159		1			108	12	7 07	Stainless steel pipe
159		1			16	28	5 70	Stainless steel flange
159		2			16	15	3 27	Stainless steel flange
159		2			16	24	8 38	Stainless steel flange
159		3	10			20	5 45	Stainless steel pipe
159		1	48	72	2		4 00	Chalk board
159		2	18	40	27		22 50	Tool boxes
159		2	36	18	78		58 50	Standard storage cabinets
159		1			168	0 5	0 02	Insulated Copper pipe
159		1			216	0 5	0 02	Copper pipe
159		1			720	0 75	0 18	Conduit
159		1			132	0 75	0 03	Iron pipe
159		1			228	1	0 10	Copper pipe
159		1			456	1	0 21	Insulated Copper pipe
159		1			480	1	0 22	Conduit
159		1			360	1	0 16	Conduit
159		1			264	1	0 12	Fire line
159		1			180	1 25	0 13	Conduit
159		1			228	1 5	0 23	Fire line
159		1			72	1 5	0 07	Copper pipe
159		1			228	2	0 41	Fire line
159		1			180	2	0 33	Conduit

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft³	
159		1			216	2 25	0 50	Stainless steel pipe
159		1			180	2 5	0 51	Stainless steel pipe
159		1			468	5	5 32	Fire line
159		1	30	16	10		2 78	Heat exchanger, 16 tubes
159		1			240	20	43 63	Stainless steel pipe
159		1			264	16	30 72	Stainless steel pipe
159		1			144	16	16 76	Stainless steel pipe
159		1	16	10	24		2 22	Heat exchanger, 2 tubes
159		1	6	6	216		4 50	Electric buss
159		1	96	72	84		336 00	Steel wire cage
159		1	42	24	32		18 67	Cart
159		1	24	16	32		7 11	Cart
159		1	23	17	51		11 54	Storage box
159		8	48	24	8		42 67	Fluorescent lights
					Totals		698 38	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
161		2	12	72	36		36 00	Shelves
161		1	16	16	18		2 67	Sump Pump
161		1	16	16	18		2 67	Sump Pump/Contents
161		1	6	22	40		3 06	Lighting Panel
161		1	20	24	24		6 67	Sink
161		1	7	14	12		0 68	Sump Controller
161		1	4	8	192		3 56	Air duct, ss
161		1	6			16	0 70	Incandescent light, flood bulb
161		1	96			0 5	0 01	Copper pipe
161		1	264			0 75	0 07	Conduit
161		1	660			1	0 30	Conduit
161		1	240			1	0 11	Copper pipe, insulated
161		1	360			1 25	0 26	Copper pipe, insulated
161		1	300			1 25	0 21	Fire pipe
161		1	96			1 25	0 07	Conduit
161		1	264			1 5	0 27	Copper pipe
161		1	72			1 5	0 07	PVC pipe
161		1	120			1 5	0 12	Iron pipe
161		1	192			1 5	0 20	Conduit
161		1	120			2	0 22	Fire pipe
161		1	96			2	0 17	Conduit
161		1	120			2	0 22	Fire pipe
161		1	216			2 5	0 61	Stainless steel pipe
161		1	132			3	0 54	Copper pipe
161		1	72			4	0 52	Fire pipe
161		1	216			6	3 53	Iron pipe
					Totals		63 5	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
163		1	36	20	36		15 00	Metal Roller Cart Legs On Top
163		1	24	24	36		12 00	Chair
163		1	96			1 25	0 07	Conduit
					Totals		27 1	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft³	
152		1	40	39	72		65 00	GB-208 Internal, piece 1 pb epoxy, 12 gp w/g
152		1	96	36	30		60 00	GB-211 7 gp w/g, pb, wlded ss
152		1	72	32	44		58 67	GB-208 External, peice 2, 9 gp w/g, 1 eqip port
152		1	21	18	18		3 94	GB-211 airlock
152		1	32			8	0 93	GB-211 Cnt Drain
152		1	12	15	3		0 31	GB 211 Box
152		1	11	7	7		0 31	GB 211 HEPA
152		2	18	38	18		14 25	Diffusion pump
152		1	30	4	18		1 25	Valves
152		1	30	20	20		6 94	Vacuum pump
152		1	20			8	0 58	Filter
152		1	22	32	96		39 11	GB 208 piece 3, 2 gp w/g
152		1	240			6 00	3 93	Stainless steel
152		1	72			24 00	18 85	Stainless steel
152		1	168			20 00	30 54	Stainless steel
152		1	924			16 00	107 51	Stainless steel
152		1	120			1 5	0 12	Tank piping, steel
152		1	120			3	0 49	GB piping, steel
152		1	36			1 5	0 04	GB piping, steel
152		1	48			5	0 55	GB 211 pipe, steel
152		1	120			1	0 05	GB 211 pipe, steel
152		1	504			1	0 23	GB copper tubing
152		1	168	10	18		17 50	Return air duct
152		1	252			3	1 03	Gb stand
152		1	21	4	4		0 19	Gb stand angle iron
152		1	7	10	6		0 24	GB switch
152		1	4	3	8		0 06	GB switch
152		1	18	7	6		0 44	GB J box
152		1	7	21	5		0 43	GB switch
152		1	20	15	80		13 89	GB flowmeter panel

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
152		2	24	12	8		2 67	GB Fluorescent
152		1	18	12	8		1 00	GB Fluorescent
152		1	10	10	15		0 87	GB box
152		2	12			6	0 39	GB water filter
152		1	492			0 375	0 03	Copper tube
152		1	24	12	72		12 00	Ladder
152		3	47	12	30		29 38	Cabinets
152		1	48	12	30		10 00	Cabinets
152		1	30	48	3		2 50	Black board
152		4	48	36	12		48 00	Wall Shelves
152		1	34	18	64		22 67	Flammable storage cabinet
152		1	44	18	45		20 63	Flammable storage cabinet
152		1	43	18	65		29 11	Acid storage cabinet
152		1	4			16	0 47	Clock
152		1	36	22	68		31 17	4-step stool
152		1	26	24	28		10 11	3-step stool
152		1	17	12	26		3 07	SAAM/shelf
152		1	36			10	1 64	Fire extinguisher
152	0003615300	1	44	36	48		44 00	Furnace Hi-Temp Vac Indu
152		2	36			6	1 18	Tank, NDT# 1781
152		1	30			6	0 49	Tanks, NDT# 1782 & 1783
152		1	21	10	8		0 97	Pump
152		1	143	48	32		127 11	Lab Bench
152		1	24	10	30		4 17	Bottle rack
152		1	12			6	0 20	Cartridge filters
152		1	12	12	8		0 67	Eyewash
152		1	360	2	2		0 83	Channel
152		1	96			0 375	0 01	Stainless steel
152		1	684			1 25	0 49	Stainless steel
152		1	228			1 50	0 23	Stainless steel

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
152		1	228			2 00	0 41	Stainless steel
152		1	228			2 25	0 52	Stainless steel
152		1	828			2 50	2 35	Stainless steel
152		1	300			3 50	1 67	Stainless steel
152		1	228			4 00	1 66	Stainless steel
152		1	384			0 5	0 04	Copper pipe
152		1	936			0 75	0 24	Copper pipe
152		1	36			0 75	0 01	Copper tube
152		1	1152			1	0 52	Copper pipe
152		1	228			1	0 10	Insulated Copper pipe
152		1	1608			1 25	1 14	Insulated Copper pipe
152		1	492			1 25	0 35	Copper pipe
152		1	768			1 50	0 79	Insulated Copper pipe
152		1	72			1 50	0 07	Copper pipe
152		1	228			2 00	0 41	Copper pipe
152		1	120			1	0 05	Tank piping, copper
152		1	144			0 75	0 04	Copper tubing
152		1	1032			0 75	0 26	Iron pipe
152		1	828			1	0 38	Iron pipe
152		1	1488			1 25	1 06	Iron pipe
152		1	840			2 00	1 53	Iron pipe
152		1	828			2 50	2 35	Iron pipe
152		1	1152			3 00	4 71	Iron pipe
152		1	228			1 25	0 16	Fire pipe
152		1	228			2 00	0 41	Fire pipe
152		1	792			0 75	0 20	Conduit
152		1	2544			1	1 16	Conduit
152		1	768			1 25	0 55	Conduit
152		1	228			2 00	0 41	P V C
152		1	48	18	612		306 00	Ductwork

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
152		2	228	6	3		4 75	Buss
152		1	228	8	6		6 33	Buss
152		1	15	15	5		0 65	Fire alarm
152		1	16	20	6		1 11	Fire alarm
152		1	6	8	4		0 11	J box
152		1	6	8	4		0 11	J box
152		1	10	12	5		0 35	J box
152		1	6	10	8		0 28	J box
152		1	6	6	4		0 08	J box
152		1	8	16	6		0 44	J box
152		1	24	48	10		6 67	Heat exchanger, 20 pipes
152		1	2	2	480		1 11	Angle iron
152		1	0 44	0 44	60		0 01	Steel bolts
152		1	12	10	18		1 25	Emergency light
152		2	24	12	8		2 67	Emergency lights
152		2	6	7	54		2 63	Grills for tanks
					Totals		1211.5	

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
154	00035990-00	1	144	48	60		240 00	GB-1363 Internal
154		1	32			8	0 93	GB-1363 Crit Drain
154	00036089-00	1	144	48	60		240 00	GB-1364 Internal
154	00035953-00	1	32			8	0 93	GB-1364 Crit Drain
154		1	36	60	96		120 00	GB-1365 External
154		1	32			8	0 93	GB-1365 Crit Drain
154	00036103-00	1	30	38	36		23 75	GB-2025 Internal
154		1	12	24	4		0 67	GB-2025 Internal/Contents
154		1	12	12	4		0 33	GB-2025 Internal/Contents
154		1	18	18	8		1 50	GB-2025 Internal/Contents
154		1	32			8	0 93	GB-2025 Crit Drain
154	00031310-00	1	30	43	72		53 75	GB-4933 Internal
154		1	36	24	24		12 00	GB-4933 Internal/Contents
154		1	32			8	0 93	GB-4933 Crit Drain
154	00036047-00	1	30	42	60		43 75	GB-7248 Internal
154		1	12	12	6		0 50	GB-7248 Internal/Contents
154		1	12	12	6		0 50	GB-7248 Internal/Contents
154		2	8			6	0 26	GB-7248 Internal/Contents
154		1	32			8	0 93	GB-7248 Crit Drain
154	00035990-00	1	54	168	72		378 00	GB-1363
154		1	36	36	36		27 00	67 Lead Bricks
154		1	60	36	36		45 00	Desk
154		1	36	24	24		12 00	Chair
154		1	72	18	6		4 50	Metal Step Ups
154		1	96	48	24		64 00	Cabinet
154		1	96	48	24		64 00	Cabinet
154		1	96	48	24		64 00	Cabinet
154		1	48	48	18		24 00	4 Shelf Unit
154		1	36	24	24		12 00	Chair
154	00036299-00	1	12	18	12		1 50	SAAM Alarm

Room Number	Property Number	Quantity	Dimensions (Inches)				Volume	Component
			L	W	H	Dia.	ft^3	
154		1	72	36	24		36 00	Cabinet
154		1	72	36	24		36 00	Cabinet
154		1	72	36	24		36 00	Cabinet
154		5	24	24	24		40 00	Pumps/Oil Underneath In Pans
154		2	24	24	24		16 00	Pumps, Visible Oil
154		2	36	36	36		54 00	Gas Purification Units
154		1	24	12	18		3 00	Adjacent Shelf
154		1	18	12	12		1 50	Remote Camera
154	00036183-00	1	24	24	48		16 00	Cooling System
154		1	24	14	24		4 67	Cooling System/Contents
154		1	12	12	6		0 50	Cooling System/Contents
154		1	36	24	12		6 00	Cabinet
154		1	120	36	48		120 00	Master Control Panel
154		1	96	36	12		24 00	Master Instrument Panel
154	00036091-00	1	84	48	24		56 00	Dehydriding System
154		1	72	24	24		24 00	Gas Valve System
154		1	48	48	48		64 00	Generator Cabinet
154		1	72	24	24		24 00	Vacuum Casting Unit
154		1	48	24	12		8 00	O2 Analyzer
154	00014535-00	1	36	12	24		6 00	Digimetric Instrument On Stand
154		1	36	36	12		9 00	Cart W/Power Supply On Top
154		1	36	36	36		27 00	Vacuum
154		1	12	12	12		1 00	Beckman O2 Analyzer
154	00036386-00	1	12	18	12		1 50	Chart Recorder
					Totals		2052 8	

APPENDIX C

BUILDING 779 PIPING VOLUME

FOR ASSESSED ROOMS

Building 779 Piping Estimates
(Limited to Rooms Assessed)

Room Number	Piping					
	SS	Cu	Fe	Fire	Conduit	PVC
118	Dumb Waiter - No Piping Estimated					
119	0 00	0 00	0 03	1 30	0 02	0 00
124	0 00	0 00	0 00	0 00	0 07	0 00
125	0 00	0 00	0 00	0 00	0 09	0 00
128	0 00	0 00	0 00	0 00	0 07	0 00
129	0 00	0 00	0 00	0 00	0 00	0 00
130	0 00	0 08	0 00	0 20	0 09	0 00
131	27 48	2 62	13 74	5 89	13 74	0 00
132	0 00	0 00	0 00	0 00	0 07	0 00
133	21 84	63 47	0 99	7 93	15 62	0 00
134	0 00	0 00	0 00	0 00	0 07	0 00
135	0 00	0 00	0 00	0 00	0 08	0 00
136	0 00	0 00	0 00	0 00	0 07	0 00
137	6 10	0 70	2 92	1 36	3 07	0 00
138	0 00	0 00	0 00	0 00	0 00	0 00
139	20 71	0 91	0 00	0 18	10 21	0 00
140	0 06	0 77	0 91	1 63	0 92	0 00
140a	0 00	0 00	0 00	0 00	0 00	0 00
140b	0 00	0 00	0 00	0 00	0 00	0 00
141	143 89	0 23	0 10	0 23	0 53	0 00
141a	4 83	1 99	1 12	0 00	1 49	0 00
141b	Included with Room 140					
141c	Included with Room 140					
143	Airlock - No Piping Estimated					
144	Elevator - No Piping Estimated					
145	0 00	0 00	0 00	0 00	0 13	0 00
146	0 00	0 00	0 00	0 00	0 09	0 00
147	0 00	0 00	0 00	0 00	0 07	0 00
148	Airlock - No Piping Estimated					
149	0 00	0 00	0 03	1 30	0 02	0 00
150	5 97	3 20	9 34	6 75	6 60	0 00
151	0 00	0 00	0 00	1 18	1 35	0 00
152	7 34	3 81	10 29	0 58	1 90	0 41
153	0 00	1 00	0 30	0 00	0 10	0 00
153a	Included with Room 153					
154	169 96	8 11	12 57	0 90	14 18	5 24
155	8 15	26 57	3 27	1 19	11 69	0 00
156	0 00	0 00	0 00	0 00	0 07	0 00
157	9 30	3 58	0/93	0 88	0 86	1 06
159	92 11	0 43	0 03	6 09	1 02	0 00
160	7 54	4 59	4 43	1 92	15 82	0 00
161	4 17	1 19	3 66	1 17	0 51	0 07
163	0 00	0 00	0 00	0 00	0 07	0 00
215	Airlock - No Piping Estimated					

Building 779 Piping Estimates
(Limited to Rooms Assessed)

Room Number	Piping					
	SS	Cu	Fe	Fire	Conduit	PVC
216	0 05	0 00	0 00	0 00	1 30	1 56
217	19 49	19 58	2 95	3 87	10 91	0 00
218	24 06	1 22	2 58	3 20	3 31	0 00
219	49 72	53 21	0 00	0 00	0 00	0 00
220	10 54	6 13	1 79	0 17	5 27	0 00
221	0 00	0 00	0 00	0 00	0 07	0 00
221a	0 00	0 00	0 00	0 00	0 07	0 00
221b	0 00	0 00	0 00	0 00	0 09	0 00
221c	0 00	0 00	0 00	0 00	0 07	0 00
222	18 48	3 04	2 73	1 02	14 75	0 00
222a	8 68	1 65	0 35	2 84	1 26	0 00
223	0 48	2 66	0 00	0 00	0 44	0 00
224	23 41	0 10	0 00	0 11	0 09	1 46
225	0 37	0 13	0 00	0 00	0 46	0 00
226	Stairwell - No Piping Estimated					
228	17 00	3 99	2 13	9 29	14 90	0 00
229	0 00	0 00	0 02	0 00	0 00	0 00
230	0 00	0 00	0 02	0 00	0 02	0 00
231	0 00	0 00	1 92	0 00	21 79	0 00
232	0 00	0 00	0 00	0 00	0 07	0 00
233	2 79	0 00	0 02	0 00	0 14	0 00
234	25 98	2 66	1 04	0 98	2 85	0 00
234a	4 12	0 58	0 19	0 00	0 42	0 00
234b	Included with Room 234					
235	1 45	0 04	0 05	0 00	0 11	0 00
236	Airlock - No Piping Estimated					
237	0 05	0 00	0 00	0 00	1 30	1 56
270	417 45	2 04	8 13	6 69	15 85	0 00
271	Included with Room 270					
272	Included with Room 270					
273	0 00	0 00	0 00	0 00	0 07	0 00
274	0 00	0 00	0 00	0 00	0 09	0 00
275	0 00	0 00	0 00	0 00	0 07	0 00
277	0 00	0 00	0 00	0 00	0 08	0 00
Totals	1,154	220	88	69	197	11

APPENDIX D

BUILDING 779 GLOVEBOX VOLUME

Building 779 Glovebox Volume

Room Number	Item	Notes	Dimensions Of Glovebox or Hood inches	Volume Of Glovebox or Hood ft^3
126	GB - 126		36 x 84 x 36	63
126 Total				**63**
131	GB - 131A	Lead epoxied on	30 x 40 x 46	32
131	GB - 131B	Lead epoxied on	30 x 40 x 46	32
131	B-Box - 131C		30 x 40 x 46	32
131	GB - 131D	Lead epoxied on	30 x 40 x 48	33
131	GB - 131E	Lead epoxied on	30 x 40 x 48	33
131	GB - 961	Lead bolted on	51 x 56 x 76	126
131	B-Box - 9511		36 x 36 x 60	45
131 Total				**333**
133	GB - 953	Lead epoxied on	12 x 18 x 24	3
133	GB - 954	Lead bolted on	58 x 60 x 90	181
133	GB - 955	Lead bolted on	58 x 40 x 108	145
133	GB - 956	Lead bolted on	58 x 40 x 108	145
133	GB - 957	Lead bolted on	58 x 60 x 90	181
133	GB - 958	Lead bolted on	44 x 40 x 96	98
133	GB - 959	Lead epoxied on	55 x 56 x 60	107
133 Total				**860**
137	GB - 106-1	Lead bolted on	32 x 46 x 36	31
137	Hood - 106-1	Lead bolted on	32 x 46 x 36	31
137	GB - 106-2	Lead bolted on	32 x 46 x 36	31
137	Hood - 106-2	Lead bolted on	32 x 46 x 36	31
137	GB - 106-3	Lead bolted on	32 x 46 x 36	31
137	GB - 106-4	Lead bolted on	32 x 46 x 36	31
137	GB - 106-5	Lead bolted on	33 x 46 x 36	32
137	GB - 106-6	Lead bolted on	32 x 46 x 96	82
137	B-Box - 107		33 x 47 x 37	33
137 Total				**333**
139	Hood - 139-1		32 x 46 x 36	31
139	Hood - 139-2		48 x 26 x 36	26
139	GB - 139-3		34 x 28 x 36	20
139	Hood - 139-4		36 x 28 x 36	21
139	Hood - 139-5		34 x 28 x 36	20
139 Total				**118**
140	Hood - 140SE		36 x 48 x 36	36
140	Hood - 140SW		36 x 48 x 36	36
140 Total				**72**
150	Hood - 150N		31 x 24 x 49	21
150	Hood - 150S		32 x 42 x 96	75
150	Hood - 150W		30 x 36 x 40	25
150 Total				**121**
152	GB - 208	Lead epoxied on	32 x 44 x 72	59
152	GB - 211	Lead epoxied on	32 x 22 x 96	39
152 Total				**98**

Building 779 Glovebox Volume

Room Number	Item	Notes	Dimensions Of Glovebox or Hood inches	Volume Of Glovebox or Hood ft^3
154	GB - 1363	Lead bolted on	54 x 168 x 72	378
154	GB - 1364	Lead bolted on	48 x 144 x 60	240
154	GB - 1365	Lead bolted on	36 x 60 x 96	120
154	GB - 2025		30 x 38 x 36	24
154	GB - 4933	Lead bolted on	30 x 72 x 43	54
154	GB - 7248	Lead epoxied on	30 x 60 x 42	44
154 Total				**860**
155	GB - 218		28 x 32 x 54	28
155	GB - 219		28 x 32 x 30	16
155	GB - 220		28 x 32 x 56	29
155	GB - 221		28 x 32 x 47	24
155	GB - 222		36 x 36 x 57	43
155	GB - 223		36 x 36 x 54	41
155	GB - 224		36 x 36 x 30	23
155	GB - 225		36 x 36 x 36	27
155	Hood - 155NE		28 x 49 x 59	47
155 Total				**278**
157	GB - 222		42 x 50 x 78	95
157	GB - 223		48 x 84 x 60	140
157	GB - 224		42 x 42 x 68	69
157	GB - 225		40 x 32 x 106	79
157	GB - 226		40 x 32 x 92	68
157 Total				**451**
160	GB - 857	Lead epoxied on	54 x 90 x 52	146
160	GB - 858		37 x 48 x 98	101
160	GB - 859	Lead epoxied on	132 x 36 x 44	121
160	GB - 860	Lead epoxied on	100 x 84 x 28	136
160	GB - 862		54 x 30 x 168	158
160	GB - 863	Lead epoxied on	36 x 54 x 118	133
160	GB - 864	Lead epoxied on	82 x 54 x 38	97
160	GB - 865	Lead bolted on	115 x 31 x 54	111
160	GB - 866	Lead epoxied on	53 x 48 x 38	56
160	GB - 867	Lead epoxied on	66 x 46 x 40	70
160	GB - 868	Lead epoxied on	24 x 36 x 33	17
160	GB - 9858		34 x 74 x 36	52
160 Total				**1,198**
217	Hood - 217E		47 x 34 x 84	78
217	GB - 330-371		43 x 48 x 80	96
217	GB - 963/964		38 x 36 x 145	115
217 Total				**289**
218	Hood - 0218SE		36 x 30 x 32	20
218	Hood - 0218SW		36 x 30 x 32	20
218	GB - 970	Lead shielding around glove ports	30 x 32 x 72	40

Building 779 Glovebox Volume

Room Number	Item	Notes	Dimensions Of Glovebox or Hood inches	Volume Of Glovebox or Hood ft^3
218	GB - 971		30 x 36 x 86	54
218 Total				**134**
220	Hood - 220C		34 x 47 x 84	78
220	Hood - 220S		34 x 47 x 84	78
220	Hood - 220SE		36 x 48 x 36	36
220	GB - 462	Lead bolted on	44 x 72 x 37	68
220	GB - 463		34 x 34 x 93	62
220	GB - 974	Lead epoxied on	34 x 42 x 48	40
220 Total				**362**
222	GB - 017		29 x 30 x 70	35
222	GB - 105	Lead bolted on	22 x 41 x 35	18
222	Hood - 106		37 x 45 x 31	30
222	Hood - 206		30 x 36 x 48	30
222	Hood - 222N		60 x 36 x 84	105
222	GB - 230	Lead bolted on	36 x 36 x 112	84
222	GB - 371		34 x 39 x 74	57
222	GB - 460	Lead bolted on	50 x 36 x 60	63
222	Hood - 555		29 x 36 x 42	25
222	GB - 975		30 x 36 x 73	46
222	GB - 976	Lead epoxied on	36 x 52 x 40	43
222	GB - 977	Lead epoxied on	40 x 48 x 36	40
222	GB - 980		27 x 36 x 37	21
222	GB - 981		32 x 37 x 52	36
222	GB - 982		37 x 28 x 37	22
222	GB - 983		29 x 36 x 72	44
222	GB - 985/986		60 x 52 x 132	238
222	GB - 989/990		40 x 42 x 98	95
222	GB - 991/992		28 x 40 x 178	115
222	GB - 3339	Lead epoxied on	50 x 125 x 40	145
222	GB - 330-371	Lead epoxied on	34 x 39 x 68	52
222 Total				**1,344**
223	Hood - 223-1		28 x 24 x 45	18
223 Total				**18**
228	GB - 045		32 x 80 x 120	178
228	Hood - 191		36 x 22 x 72	33
228	GB - 192		39 x 58 x 137	179
228	Hood - 198		30 x 39 x 73	49
228	GB - 199	Lead epoxied on	31 x 36 x 92	59
228	GB - 200		30 x 36 x 97	61
228	GB - 201		33 x 32 x 66	40
228	GB - 202		33 x 60 x 131	150
228	GB - 203		30 x 42 x 92	67
228	GB - 468		32 x 48 x 86	76
228 Total				**892**

Building 779 Glovebox Volume

Room Number	Item	Notes	Dimensions Of Glovebox or Hood inches	Volume Of Glovebox or Hood ft^3
234	GB - 205		28 x 33 x 184	98
234 Total				**98**
270	B-Box - 270N		36 x 36 x 60	45
270	GB - 972	Lead bolted on	32 x 37 x 40	27
270	GB - 973	Lead bolted on	25 x 30 x 58	25
270	GB - 2155	Lead epoxied on	37 x 61 x 37	48
270	B-Box - 3072		35 x 41 x 100	83
270 Total				**228**
272	GB - 6620		32 x 45 x 54	45
272	GB - 6621		75 x 42 x 39	71
272				**116**
Total from Gloveboxes and Hoods				**8,266**